W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII January, 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

CQ CQ CQ De KE9PV

Thanks to the 1991 TARS officers and board members for a great year. 1991 was a year marked by tremendous changes and the club fared well throughout.

Locally, we saw many new hams take up the hobby through the new CODELESS TECHNICIAN license class, and we adopted a new club logo. Internationally, we welcomed voices to the bands that had not been heard for many years when hams in eastern Europe tested their new freedoms. With political changes still underway there, 1992 should be just as interesting to hams.

One local tradition is still with us; the club auction is scheduled for January's meeting. Don't forget to bring your disused gear.

Thanks also to Blanche Elpers, who after six years of serving as our VE team liason to the ARRL VEC, has retired from that activity. Blanche built an reputation for ethically and efficiently run test sessions. I hope that one of the ARRL certified VE's from our area will agree soon to take up the responsibility of running TARS affiliated test sessions.

Hoping you all have a good year in '92, 73 DE KE9PV, Bob.

Terry, N9HGN handing over the gavel to Bob, KE9PV at the TARS Christmas party.

AUCTION AUCTION AUCTION AUCTION

The next regular club meeting will be Jan. 9th 1992, 7:30pm at the Red Cross. The program for this meeting will be the annual auction. This is the time of year to clean out the shack, put some money in your pocket and help out the club too. So if you have any ~~junk~~ classic equipment, or odds and ends that you would like to part with, bring it along. And if you have something that you are looking for you might just find it at the auction.

Board Meeting - December 5, 1991 Chris, KE9YK

Meeting called to order by Terry N9HGN at 7:00 pm at the Red Cross with the following in attendance, KE9YK, KB9BPJ, KA9VLV, and members KF9DL, and WB9FNN.

Secretary's report read and approved.
Treasurer's report read and approved.
Terry reveiwed all old business.
Everyone looked over the new club letterhead and envelopes.
Discussion of getting the 7.15 repeater antenna checked.
Hal WB9FNN discussed RACES, and plans for an emergency test.
Terry thanked the board members for making 1991 a good year for the club.
Meeting adjourned.

Christmas Party - December 6, 1991 Chris, KE9YK

The December meeting was held at Evans Cafe. It was a short informal meeting following a very good meal with numerous items to choose from.

Terry called the meeting to order.with about 36 members and guests present.

Terry introduced the officers for 1992.

Hal, WB9FNN presented Terry with a gavel and gift of appreciation from the club for a year well served.

Hal, WB9FNN made the presentation of the McCutchan Memorial Award to Paul Rice, WA9BYZ for his dedication and contribution to amateur radio.

Terry presented Bob Weil, KE9PV with the official gavel.

Following the grab bag and some socialising everyone adjourned for the evening.

1991 McCutchan Award

CONGRATULATIONS to Paul Rice, WA9BYZ for receiving the McCutchan award for 1991. Paul received his novice license about 30 years ago, after being introduced to amateur radio by a cousin who was a ham.

Paul has been instrumental in introducing ham radio into the school curriculum at Evans middle school where he is a teacher. Although the school call had been around since 1965 there was never much interest generated until Paul convinced the school principal that they needed to purchase a rig and some equipment, and after that things just started to take off. 2 years ago Paul was able to obtain a Lily grant with which more equipment was purchased and the program expanded even further. With all the success at Evans there are now other schools that are looking to get programs started, and Paul feels that their might be a possibility of having this program throughout the school corporation if enough support can be generated getting volunteers into the schools to help with the code. Paul is hopeful for even more success this year as they have now included not only the 8th and 7th graders but now the 6th graders also, and Paul says that there are a lot of good looking prospects already . Once again Congratulations Paul.

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE

President:
Bob Weil, KE9PV
Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DEQ

T.A.R.S. Board Meetings are held the First Thursday of each month at 7:00 pm at the American Red Cross.

T.A.R.S. Regular Club Meetings are held on the Second Thursday of the month at 7:30 pm at the American Red Cross Building, on the corner of Diamond and Heidelbach.

The Tri-State Emergency Net meets each Wednesday evening at 8:00 pm on the T.A.R.S. W9OG repeater 147.75/15. Alternate Repeater 146.19/79.

For Club business write:
T. A. R. S.
P.O. Box 4521
Evansville, IN 47724

SPARKS is published monthly by the Tri-State Amateur Radio Society - Evansville, Indiana.

SPARKS Staff:
Chris Lantaff, KE9YK
Matthew Dean, KB9BPJ

Publication Deadline: material for publication must be received by the 25th of the month preceding the publication date. Material may be submitted to KE9YK, 22 N. Kelsey Ave. Evansville, IN

1991 Christmas Party, Evans Cafe

Hal WB9FNN presenting Terry N9HGN with a token gavel and gift, for a year well served as President.

Hal WB9FNN presenting Paul Rice WA9BYZ with the MacCutchan award for 1991

AWARDS - RACES - ETC

While you're reading this in January, I'm writing it before Christmas so it won't conflict with more "important" activities scheduled for later this month. I hope you all had a wondeful holiday season and managed to avoid the flu or any other similar problems.

First, congratulations are in order for WA9BYZ, Paul Rice. It was my pleasure to present him the McCutchan award for 1991 at the TARS Christmas party on December 6. He does a super job with his young people, and that is where the real growth of amateur radio is. We could use a lot of Pauls and a lot more clubs like the one at Evans School. Any volunteers?

Also a word of thanks to Al, W9UMS for his efforts in getting health & welfare information from Western Samoa recently. There are a couple of Evansville mothers who can rest easier with the information he got, and thanks to one of the mothers, ham radio got a good plug both on TV and the newspaper. See the Courier Friday, Dec. 13.

Spring will be bringing some renewed activity for RACES members. Details are not settled, but there will be a RACES exercise run at the local level in Evansville, to simulate as best we can what real conditions might be like. This means NO advanced warning or advanced assignments. Just an activation call on one of the repeaters and requests for specific people to go to specific assigned locations. Begin to think about this and get your equipment in shape, if it isn't. So no one gets caught with discharged batteries or some such.

I can be found most Tuesdays at 1930Z between 14190 and 14200 with WB5GSI. Same on Saturdays, followed by a checkin about 2000Z on 14280 (IMRA net) looking for N8DBC. At other random times might be found looking for N9JCA on 14303 or W9ANG on 7253.5 (if I can get in).

73 Hal WB9FNN

For Sale

KENWOOD KENWOOD TS-830-S, $625.00 One owner and in mint condition.
Contact: Bev Howard W9BC 4017 Clement St. Evansville, IN 47720 (812) 424-1042

TREASURER'S REPORT (Jan. 3, 1992) Matt, KB9BRJ

Beginning Balance (Dec. 5, 1991) $3734.72

Expenses:

Printing of Club Letterheads and Envelopes	$187.22
Christmas Party Grab Bag	$100.00
Christmas Party Food	$222.40
Phone Bill--Repeater	$23.21
SPARKS	$88.20
Auction Money	$150.00
Printing of Membership Cards	$53.50

Income:

Jacket Orders	$264.00
Shirt Orders	$115.50
Hat Orders	$41.00
Christmas Party Reservations	$25.00
Tri-State Trophy Refund	$1.00
Club Dues	$416.00
Christmas Grab Bag Leftovers	$30.00
SPARKS Ad (Tawil Electronics)	$12.00
Interest (Checking Acct.)	$10.48

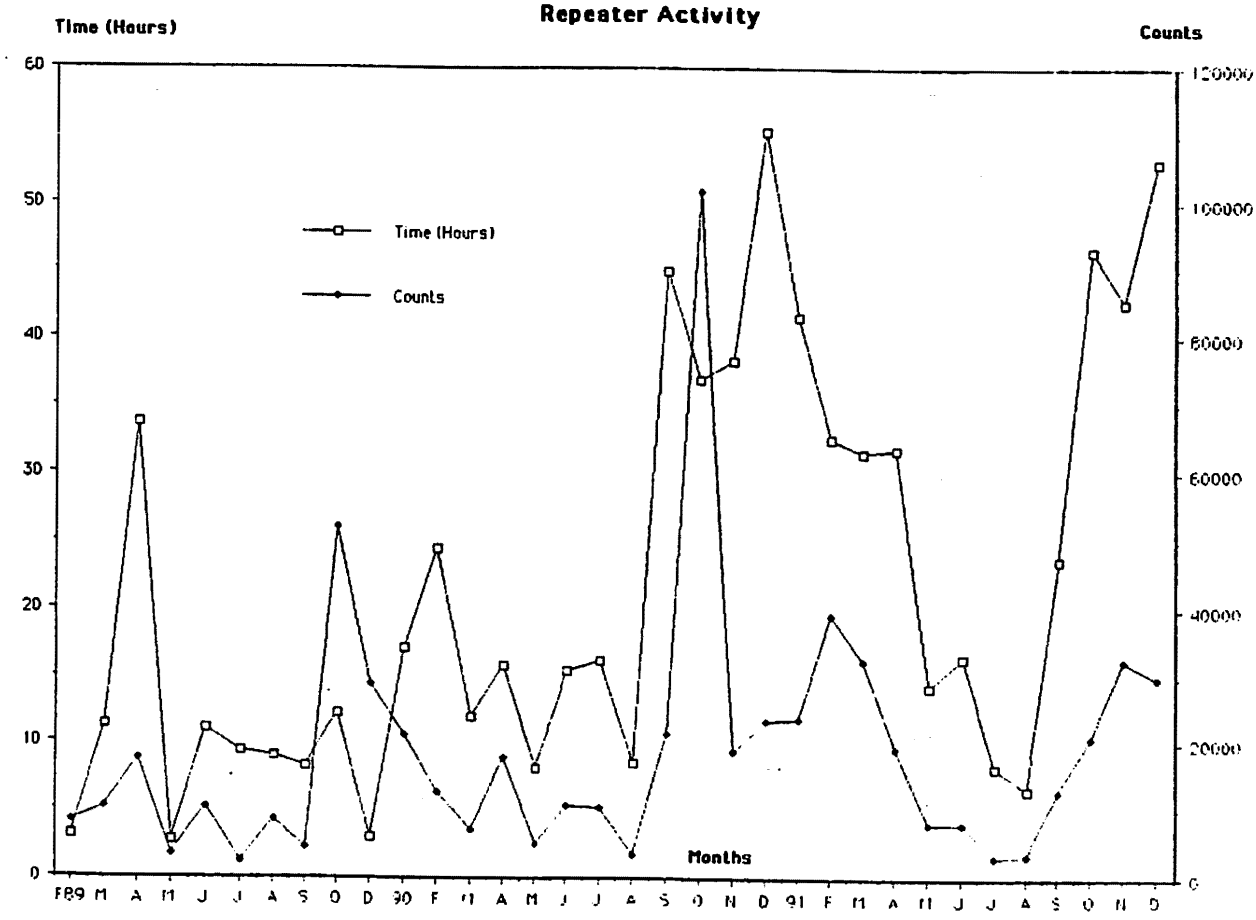
Ending Balance: $3825.17

Is the Sun Spot Cycle Past Prime? Is Ten Meters About to Die?

I (WA9QDZ) operate the local ten meter FM repeater. It has been on the air for over seven years now. I have more than a passing interest in whether ten meter activity has peaked. Patrick McIntosh in the January 1991 Sky & Telescope(Vol. 81, No. 1, pp21-23) addresses this subject. He points out that solar activity during each of the stronger cycles seems to last about four years. Patrick McIntosh compares this present cycle to Cycle 18 which seems to be similar. Cycle 18 occurred in the late 1940's (lasted from about 1946 to 1949)and exhibited two peaks. McIntosh suggests the peak that astronomers observed in March 1990 may not be the maximum – or the last – for the cycle. A higher peak may still occur. He points out that the expected heavy aurora activity that usually follows maximum has not appeared. (Locally we have witnessed only a minor aurora in our area on a Friday in early May. This was not typical since it did not originate in the northern horizon.)

After reading his very interesting article, I decided to put data that I have been collecting since February of 1989 (except for one month) into my computer. I used Cricket on a Mac SE 30. Very early in our ten meter repeater operations Richard Thomas (WB9WDH) placed a timer and counter on it. The timer was designed to tell just how long the transmitter was transmitting, and therefore, to reassure me that the amount of electricity used by the transmitter was minimal. The counter was installed before we installed transistor relay control of our repeater. Relay contacts had a very short life and we needed some warning when to change them. When we switched to transistor switching the counter was left in operation. We realize that these two indices are not exactly a true measure of the activity on the ten meter band. If local hams get on and have extended QSO's this distorts the running time. Also, atmospheric conditions can cause repeated tripping of the transmitter affecting the count. However upon putting the data into my computer and having it crunch out this graph, I was surprised at what I found. Like McIntosh's graphs, I show a gradual upward tendency with peaks that are similar to his. The graph shows a tendency for a possible peak this Spring that might be better than last year. Only time will tell!

continued on page 6



Finally let me mention the pitfalls of this data. As the sunspot cycle tends toward a peak more amateur radio hobbyists tend to move down to ten in anticipation of the DX. More amateurs on the air mean more activity in the ten meter band – even more local use occurs increasing the use time. This data does not show the length of skip nor the length of time that long skip is in. There seems to be a negative correlation (or inverse relationship) between sunspot concentration and ten meter activity. One of the worst months of radio activity was March of 1989 which was the month with the largest and most active sunspot month (according to McIntosh, p21). July and August of this year also saw strong sunspot activity and look what happened to the ten meter activity for those months.

I urge all amateurs to operate on ten meter more frequently. When long skip is in the DX stations from Europe and Asia beg for contacts and when short skip exists the stateside operators are equally intense for contacts. Time will tell if the best is over!

In The NEWS !

Hal Wilson WB9FNN and Al Schoettlin W9UMS.
From the Evansville Courier December 13, 1991

Families learn Peace Corps workers OK

Ham radio buffs get word from Samoa

By EILEEN DEMPSEY
Courier staff writer

For days now, Jan Weber of Evansville has been trying to track down information on the whereabouts of her son, Eric, a Peace Corps volunteer in the tiny Western Samoa islands in the South Pacific.

Repeated calls to Peace Corps officials in Washington, D.C., didn't shed much light on how Weber and Jeana Bissonnette, another Evansville Peace Corps volunteer, fared during Hurricane Val that hammered the islands Friday.

But that changed late Wednesday night when two local ham radio operators called Dr. Emil Weber and his wife, Jan, and Roger and Jeanne Bissonnette with the news that no Peace Corps volunteers had been injured in the storm.

Hal Wilson of McCutchanville had read about the families' concerns and figured he and his fellow ham radio operators could help.

Wilson called another ham operator, Al Schoettlin of Evansville, on Wednesday and filled him in on the situation.

Schoettlin spent about three hours Wednesday night trying to contact a ham operator in the South Pacific. He finally connected with a man named Peter who was transmitting from the island of Tonga, which is about 300 miles south of Western Samoa.

Peter, in turn, was able to contact a ham operator based on Upolu, who reported that no Peace Corps volunteers were injured in the storm that killed at least one man.

"I took that for what it was worth," said Schoettlin, 78, who has been a licensed operator since 1935. "It was no big deal; this is just something we do as amateur radio operators."

On Wednesday night, Schoettlin called the Webers while Wilson called the Bissonnettes.

"I feel so much better. What a nice Christmas present," Mrs. Bissonnette said.

Jeana Bissonnette, 29, is an Indiana University graduate who majored in chemistry. She was less than a month into a two-year stint with the Peace Corps and was stationed in Apia, the capital of the island Upolu, when the storm hit.

Weber, 25, graduated from IU with a degree in accounting and had been teaching that subject at Valpoli College in Savaii, about 2½ hours from Upolu. He had about 10 days left in his two-year stint with the Peace Corps and was scheduled to return home Dec. 17, said his mother.

> **"I feel so much better. What a nice Christmas present."**
>
> **— Mrs. Bissonnette**

While Mrs. Weber is happy to hear some news from the region, she isn't completely satisfied that her son is safe.

"The message was coming from the island of Apia, where the Peace Corps is headquartered," she said. "I still haven't gotten word back yet from the island of Savaii and I still don't know the whereabouts of my son."

Schoettlin said he planned to check back for updated reports from Western Samoa.

Wilson, who has known the Bissonnettes for close to 40 years, said he was happy he could help.

"All it took was a little time," he said. "To us it's a challenge to find somebody over there and make the contact and get the information."

Jackets, Shirts and Caps

If you ordered any Club Jackets, Shirts or Caps, they will be ready for pickup at the Jan. Meeting. If you will not be at the meeting to pick up your order please contact Karl Codner, N9DEQ 477-1697 to make arrangements to get your items.

TARS would like to thank Roy Cloukey, KA9IWP for all of the years he has seen that we have drinks at the meetings. Roy has been doing this faithfuly for many years but has asked for someone else to take over this chore. Do we have any volunteers out there. If you would like to volunteer (HELP please we need you) contact one of the club officers.

Correction... Last month I stated that for the Auction TARS made 10% of the sale price on items sold. It is acually 15%, Sorry.

1991 Club Officers

President: Bob Weil KE9PV, 12901 JORDAN LANE EVANSVILLE, IN 47711 867-3825
Vice President: Lisa Clements KA9VLV , 520 E ILLINOIS EVANSVILLE, IN 47711 423-1082
Secretary: Chris Lantaff KE9YK, 22 N KELSEY AVE. EVANSVILLE, IN 47711 473-5382
Treasurer: Matt Dean KB9BPJ, 1540 S BOEKE RD. EVANSVILLE, IN 47714 476-5554

Board of Directors:
Charlie Hadfield KB9CNF, 1316 S BOEKE RD. EVANSVILLE, IN 47714 476-6937
Jeremy Matthews N9IZD, 2513 RAVENSWOOD DR. EVANSVILLE, IN 47714 476-2640
Mark Simpson N9GKW, 2025 BELLEMEAD EVANSVILLE, IN 47714 479-1584
Delores Shoptaugh KA9KRD, 14640 BROWNING RD. EVANSVILLE, IN 47711 867-2934
Paul Rice WA9BYZ, 17 N ALVORD BLVD. EVANSVILLE, IN 47711 476-8538
Karl Codner N9DEQ, 450 MARTIN LANE EVANSVILLE, IN 47715 477-1697

The following is a list of some of the people who keep the club functioning by serving as committee chairmen, or as liaisons with the various organizations the culb has association with.

HamFest Chairman: Lisa Clements KA9VLV, 423-1082
Repeater Chairman: Mark Simpson N9GKW, 479-1584
ARES DEC: George Utley N9FMO, 477-0708
RACES: Hal Wilson WB9FNN, 867-3151
Tri-State Emergency Net Manager: Lisa Clements KA9VLV, 423-1082
Red Cross Communications: Ralph Waldo K9STX, 425-3841
National Weather Service: Charlie Apfelstadt, 477-7716
Freedom Festival Parade: John Small W9FHA, 867-7058
Drums on the Ohio: Al Schoettlin W9UMS, 477-0501
W9OG Trustee: John Small W9FHA, 867-7058
SPARKS Editor: Chris Lantaff KE9YK, 473-5382

THE WATCH SHOP WILBER WEISLING W9OVB CUSTOM JEWLERS & WATCH REPAIR 317 LOCUST ST. PH. —— 464-8477	DANMART ENTERPRISES DANIEL J. MARTIN 6500 HENZE RD. EVANSVILLE, IN 47712 (812) 963-0975	VINTASIA CARRIAGE WORKS IMPORT CAR SERVICE 401 W. FRANKLIN ST. JIM BARROW — W9CVN PH. —— 425-1741	TAWIL ELECTRONICS INC. SEMICONDUCTERS MICROPROCESSORS SYSTEMS & SUPPLIES 2121 N. BEDFORD AVE. PH. —— 425-1100
the HAM STATION 220 N. FULTON AVE. Mon. thru Fri. 8:00am to 5:00pm Sat. 9:00 to 3:00 PH. 812-422-0231	PUT YOUR AD HERE PH. —— 473-5382		HELP THE RED CROSS GIVE BLOOD PLEASE DIAMOND & HEIDELBACH PH. —— 422-3215

I would like to offer my sincere apologies to all of the advertisers. In the rush of getting the Dec. Sparks out I completely omitted all of the ads. I am truly sorry and have added one month to the renewal date for all ads that were not run. KE9YK Editor

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CLUB CALENDAR

Jan. 9 Regular Club meeting 7:30pm Red Cross
Feb. 6 Board Meeting
Feb. 13 Regular Club meeting - BINGO -

TRS W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA
SPARKS
P.O. Box 4521 EVANSVILLE, IN 47724

TARS W9OG
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EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII No. 2 February, 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

CQ CQ CQ DE KE9PV

Well, it's the dead of Winter, and despite the mild weather we've seen so far, it seems more appealing to sit in front of the radio than to venture out of doors. One side effect of the chilly weather is static electricity created by the very dry heated air in most of our homes.

Please, if you plan to open your solid state radio, computer, or packet TNC to make repairs or just to tinker, do it at a static safe workstation. Working at a major electronics manufacturer has made a believer out of me. Even static field levels too slight to cause a visible spark or audible pop can damage or ruin sensitive electronics. Take the time to learn some simple safe guards and don't risk your valuable equipment.

Thanks to everyone who brought something to the club auction at the January meeting. Once again we saw that one person's discard is another's stroke of luck.

Thanks to Cecil West for taking the position of VE Liaison to the ARRL VEC. Cecil is an Extra Class licensee and an experienced ARRL accredited Volunteer Examiner. VE testing increases access to the benefits of Amateur Radio and by providing a path for license upgrades, increasing the enjoyment of those already participating. The efforts of Cecil and the other active VE team members will allow TARS to continue to offer VE testing.

This might be your LAST SPARKS !

That's right, this may be your last SPARKS if you have not paid your club dues for 1992. If you have paid your dues you should have received your 1992 membership card in this issue. If you have not paid please do so immediately, fill out and return the membership application that was included in your December Sparks, if you need an application contact one of the club officers. Next month I hope to have a membership roster printed and would like to include everyone, so get those membership forms in.

March Meeting at ITT 7:30 pm

The March meeting will be held at ITT Technical Institute 5115 Oak Grove Road on March 12th at 7:30 pm. This is the regular date and time for the meeting, but at a different location. The meeting will be on packet communications presented by John Bennett N4XI. THIS WILL BE THE REGULAR CLUB MEETING FOR MARCH ...

Board Meeting January 2, 1992 - KE9YK

Board meeting called to order at 7:00 pm by Bob KE9PV with the following in attendance, Lisa KA9VLV, Chris KE9YK, Matt KB9BPJ, Mark N9GKW, Delores KA9KRD, Paul WA9BYZ, Karl N9DEQ, and members Dean KF9DL, and Jim KA9KRE.

Secretary's report read and approved.
Treasurer's report read and approved.
Discussion on the orders for jackets, shirts and hats.
Discussion on a donation to Red Cross.
Motion made and approved to purchase a generator for donation to Red Cross.
Discussion on the club liability insurance.
Discussion of the ad prices for Sparks.
Discussion of the condolence policy.
Motion made and approved to set the condolence policy as
$25.00 memorial contribution on the passing of a club member.
A sympathy card for the passing of a member's immediate family.
A get well card for any member in the hospital.
Motion made and approved to reimburse Matt for out of pocket expenses.
Motion made and approved to allocate $150.00 for the Feb. bingo prizes.
Discussion on auditing the club's books.
Discussion on VE liaison.
Discussion on getting someone to bring drinks to the meeting.
Discussion on HamFest.
Meeting adjourned.

Club Meeting January 9, 1992 - KE9YK

Meeting called to order by Bob KE9PV, 7:30 pm at the Red Cross with 58 members and guests present.

All of the club jackets, shirts, and caps that had been ordered were passed out to all who were attending the meeting.
Secretary's report read.
Treasurer's report read.
Vote taken and passed to change the club constitution. This was the final vote and is now in affect.
Bob announced that Cecil West WQ9U, has agreed to except the responsibility of VE liaison. Thank You Cecil.
Bob asked for a volunteer to bring cokes to the club meetings.
Bob also requested a volunteer to audit the club books.
Following a short break we had annual club auction hosted by Ed Folz K9HVI. Everyone had a fun evening and a chance at quite a few good buys.

THE WATCH SHOP
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2121 N. BEDFORD AVE.
PH. —— 425-1100

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TREASURER'S REPORT (Jan. 31, 1992)

Beginning Balance (Jan. 3, 1992)	$3825.17
Expenses:	
Postage Reimbursement to KB9BPJ for 1991	$8.44
SPARKS	$101.00
Siegel's (Jackets, Shirts, Hats)	$1076.50
Meeting Refreshments	$18.14
ARRL Dues Payment	$28.00
Phone Bill--Repeater	$23.21
Check Order (Citizens Bank)	$12.50
Income:	
Club Dues	$658.00
Auction Money	$57.20
ARRL Dues	$30.00
Interest (Checking Acct.)	$11.63
Ending Balance:	$3314.21

VE Testing

date	time	city	location	sponsor
Feb. 29		Madisonville, KY		
Mar. 14		Evansville, IN	Oaklyn Lib.	TARS
May 16		Vincennes, IN		OPARS
Jul. 18		Evansville, IN	Red Cross	TARS
Sep. 19		Vincennes, IN		OPARS
Oct. 19	7pm	Evansville, IN	USI	USIARC
Nov. 14		Evansville, IN	Red Cross	TARS
Dec. 14	7pm	Evansville, IN	USI	USIARC

A big THANK YOU to Cecil West WQ9U for volunteering to be TARS VE liaison, it was very much needed and appreciated.

the HAM STATION
220 N. FULTON AVE.
Mon. thru Fri.
8:00am to 5:00pm
Sat. 9:00 to 3:00
PH. 812-422-0231
HELP THE RED CROSS
GIVE BLOOD PLEASE
DIAMOND & HEIDELBACH
PH. —— 422-3215

CLUB CALENDAR

FEB. 29 NEW AUTOPATCH CODES GO INTO AFFECT ***
FEB. 29 VE TESTING Madisonville KY 5:30 pm Hopkins Co. DES.
Contact: KM4FO (502) 825- 1694
MAR. 5 TARS BOARD MEETING 7:00 pm Red Cross
MAR. 7 ARRL HAMFEST Cave City Kentucky
MAR. 8 INDIANA HAMFEST - Indiana State Fairgrounds East Pavilion Bldg.
1202 E. 38th Street Indianapolis Doors open 8:00 am Admission $7.00
MAR. 12 TARS CLUB Meeting 7:30 pm ** **ITT TECHNICAL INSTITUTE** ***
LOOK for a map in your March Sparks!
MAR. 14 VE TESTING Evansville Oaklyn Library
Contact: Blanche Elpers KA9EIV (812) 424-9182
APR. 2 TARS BOARD Meeting
APR. 9 TARS REGULAR CLUB Meeting
APR. 24-26 DAYTON HAMVENTION
MAY 7 TARS BOARD Meeting
MAY 14 TARS REGULAR CLUB Meeting
MAY 16 VE TESTING VINCENNES
MAY 31 *** **45th Annual EVANSVILLE HAMFEST** ***

EVANSVILLE, IN 47
6 PM
22 FEB
1997

ALWAYS USE
ZIP CODE
29 USA

W9OG

TRI-STATE
AMATEUR RADIO SOCIETY
EVANSVILLE SPARKS
INDIANA

P.O. Box 4521 EVANSVILLE, IN 47724

Hal Wilson WB9FNN (S)
11555 Lameys Lane
Evansville, IN 47711

CODES EFFECTIVE FEBRUARY 29th 1992

T.A.R.S. 1992 Repeater Codes

Thank You for supporting the T.A.R.S. repeaters

The Tri-State Amateur Radio Society has 2 club repeaters. Both repeaters operate with the club callsign W90G. The primary club repeater is the 147.15. The 147.15 repeater is located at the Indiana State Police Post on Hwy. 41. This repeater provides coverage of the Tri-State area and is used for all EMERGENCY / WEATHER NETS. Check into the Tri-State Emergency Net each Wednesday Night at 8:00 pm on the 147.15 rptr. for the latest club information.

The second club repeater is the 146.79.
This repeater is used for more local communications and has a number of user functions including an auto-patch.

USER FUNCTIONS FOR THE 146.79 REPEATER

Autopatch : *7* and phone number

Autodial: *7* and slot number

Hangup : #

Example: To dial slot number 99, Enter " *7*99 ".

Patch Timer Extend : 398

Pad Test : 5 (followed by any digit/digits)

S-Meter : 75

EMERGENCY AUTODIAL

*911*1 911 EMERGENCY
*911*2 EVANSVILLE POLICE
*911*3 VAND. CO. SHERRIF
*911*4 INDIANA STATE POLICE
*911*5 N.W.S. (TO REPORT SEVERE WX)
*911*0 RECORDED WEATHER

Hangup : #

Example : To Call 911, Enter "*911*1"

Demo-Bulletin Board : 33 (0-8)
(0-1-2) - ID's
(3-4-5-6) ID / Message
(7-8) Bulletin Board Message
Example :
Enter " 336 " for ID/Message.

Name : _____ Call: WB9FNN

Autodial Slot Number : 79 Phone Number : 867-3151

Remember :

- Enter all command codes quickly and as a continuous sequence.
- Business communications can not take place on amateur bands.
- You may not use the autopatch to avoid long distance toll charges.
- Avoid foul language, CB terms, or any activity that could give our hobby a poor image.
- All command codes are to remain confidential.

If there is a repeater problem or for further assistance contact an Officer or Board member of the Tri-State Amateur Radio Society.

TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA
W9OG

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII MAY , 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

CQ CQ CQ de KE9PV

I have some good news and some bad news. The good news is that Spring is finally here; the bad news is that the grass needs cutting about twice a week.

I am sure that I am not the only one with this problem; most of us have had to add outdoor chores to our schedules with the arrival of Spring, sometimes at the expense of HAM radio activities.

One HAM related activity that is increasing in priority for TARS members as the date approaches is the 1992 TARS HAMFEST to be held Sunday, May 31. This is the largest source of income that TARS has and allows us to participate in all the other club activities during the year. Please call Lisa, KA9VLV, and ask her how you can help with the HAMFEST this year.

Thanks go to Blanche, KA9EIV, for getting out this issue of SPARKS while we don't have a permanent editor. If you have the time and resources to publish your club's newsletter, please call me at 867-3825.

73 de Bob, KE9PV

****

THANKS FROM THE AMERICAN RED CROSS

Mr. Robert Weil
President TARS
12901 Jordan Lane
Evansville, IN 47711

Dear Bob:

I apologize for not writing sooner to thank the TARS Membership for the generous donation of the generator.

It is hard to relate in words how much this donation means to the Red Cross and how much we appreciate TARS support for this donation and for disaster response.

You are all special people and we hope that we will continue to have a long and mutually supportive relationship.

Sincerely,

Trish

Trish DeVoy
Executive Director

HABITAT FOR HUMANITIES

(and other June activities)

As I have been mentioning on the Wednesday night nets recently, June will be busting out all over in a couple of weeks and there is a lot for us to do. We start out with the Hamfest on May 31 and run through Field day on June 27/28, and you'll be asked to participate in one or all of the varied projects.

The biggest single project is the request that we handle communications for the Habitat for Humanities project. Here are the basics as I have them at this time:

Time: June 15 thru June 21, 1992, 6:30 AM to 5 PM
Place: South Judson St (exact blocks not known now)
Project: To build 21 houses for low income families. This is a charitable project that will attract several hundred workers to accomplish a massive task. All labor and materials, to the best of my knowledge, is donated. This project will get nationwide attention as this is Former President Jimmy Carter's pet project and I am told it is likely he and several other big names will be in Evansville some time during the construction week as this will be the biggest Habitat project ever attempted.
Our involvement: communications - with one operator at the "message center" and three roving operators assisting with perimeter watch and seeing that the needs of the workers for food, drink, medical attention, etc., are relayed to the message center and acted upon promptly. There will be food and drink available at all times (as I understand it) for all workers.
Hours of work: you tell me how long you can work and which day or days you can be available. I will work up the schedule to try and balance it so no one works to long. NOTE!!! It is important I know as soon as possible if you will work. Even if you can't tell me right now exactly when you can be available, I need to tell the Habitat people who will be working so that they can have needed identification badges prepared. Without this badge you do not get into the work area. This is NOT limited to RACES members. Any ham (tech or above) who has a hand held or portapack and wants to donate some time and effort is welcome.

I expect this project will end up with a lot of people feeling very good for having helped to put Evansville on the map as a place where people care about people. Never before has any city of any size attempted to accomplish a project like this and those who help accomplish this can feel justifiably proud of what is accomplished.

And a little advance "warning" for RACES members, a wide scale local drill is being developed to take place in late October. More details to follow.

If you do not now belong to RACES and would like to, catch me at a TARS meeting or the Hamfest and I'll give you an application.

73 Hal, WB9FNN RACES OFFICER

W9OG
TRI-STATE
AMATEUR RADIO SOCIETY
EVANSVILLE

President:
Bob Weil, KE9PV
Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DEQ

T.A.R.S. Board Meetings are held the First Thursday of each month at 7:00 pm at the American Red Cross.

T.A.R.S. Regular Club Meetings are held on the Second Thursday of the month at 7:30 pm at the American Red Cross Building, on the corner of Diamond and Heidelbach.

The Tri-State Emergency Net meets each Wednesday evening at 8:00 pm on the T.A.R.S. W9OG repeater 147.75/15. Alternate Repeater 146.19/79.

For Club business write:
T. A. R. S.
P.O. Box 4521
Evansville, IN 47724

SPARKS is published monthly by the Tri-State Amateur Radio Soc. Evansville, In.
SPARKS Staff:
Blanche Elpers, KA9EIV
Interim editor
Matt Dean, KB9BPJ
Submit articles to Blanche Elpers, 840 Herndon Dr. Evansville, In. 47711

AMATEUR RADIO CLASSES

Introduction to Ham Radio---Classes will be held each Monday evening starting May 11, 1992 and run for 10 weeks. Time 7:00pm to 9:00pm in room 18 (basement) of Civic Center in the Emergency Management Agency office. No cost other than the price of your manual, about $20.00. Call Jane at 426-5602 to register.

VOLUNTEER EXAMINER TEST SESSIONS

May 16, 1992 Vincennes University Campus in the Ebner Bldg. Contact Phil Smith KQ9O, at 886-9765.

July 18, 1992 American Red Cross Bldg, Evansville. Contact Cecil West, WQ9U at 985-0109 or Blanche Elpers, KA9EIV at 424-9182.

UPCOMING EVENTS

May 14, 1992---TARS meeting 7:30pm Red Cross
June 4, 1992---TARS Board meeting 7:00pm Red Cross
June 11, 1992---TARS Regular meeting 7:30pm Red Cross
June 15 to 21, 1992 Habitat Blitz. See article page 2.
June 27 & 28 Field Day.
June 27 Freedom Festival Parade.

HAMFEST

TARS HAMFEST May 31, 1992. See attached flyer. Help is very much needed in all areas. If you can help in the kitchen, ticket sales, talk-in, P. A. system, Bingo PLEASE contact Lisa, KA9VLV, at 423-1082. PLEASE VOLUNTEER, don't wait to be asked. The Vanderburgh 4-H Center is located on Boonville-New Harmony Rd. just west of it's intersection with Highway 41 North.

For those of you who are into ARTS & CRAFTS how about furnishing an item or two to be used as an hourly or Bingo prize?

****

The program for the May 14th meeting will be a VIDEO relating to Desert Storm,

****

The Freedom Festival Parade is coming up June 27 Contact Charlie Apfelstadt, N9GWS and tell him how you will be able to help. Ph. 477-7716

T.A.R.S. MEETING APRIL 9, 1992

Meeting held at Red Cross at 7:30pm with Bob Weil, KE9PV, in charge. There were 24 members and guests present.

Treasurer's report read and approved.

Discussed---Major issues that come before the Board during the meeting the previous week be brought before the membership at the regular meeting the next week.

Appeal for a new Editor.

Steve Harmon, N9HGF, announced the continuing education program this summer at IVTC for 9 to 12 year olds. One class would be on amateur radio. Need help in instructing. Contact Steve, N9HGF, at 474-0842.

After a short break for refreshments a short video on static electricity was shown by KE9PV. Meeting adjourned at 9:00pm.

Blanche M. Elpers, KA9EIV, interim editor.

Treasurer's report (APRIL 9, 1992)

Beginning balance (March 2, 1991)	$3288.77
Expenses:	
SPARKS	70.25
Phone bill-Repeater (Feb.)	23.21
Phone bill-Repeater (Mar.)	23.21
Oaklyn Library-VE test session	5.00
Income	
Club dues	172.00
Interest (checking acct)	8.52
Ending balance (April 9, 1992)	$3347.62

VOLUNTEER RECOGNITION

April 30, 1992 at Roberts Stadium, United Way of Southwestern Indiana honored Volunteer of the Year. Nominated by Southwestern Indiana Red Cross were Lisa Clements, KA9VLV and Blanche M. Elpers, KA9EIV, for their work in getting out the massive mailings. They were presented with Certificates of Appreciation.

April 26, 1992 Southwestern Indiana Red Cross held a luncheon to honor their volunteers. George Utley, N9FMO, was given an award for the numerous duties he performs for the Red Cross. An outstanding one was the two weeks he spent in Marion, Il. with the Emergency Response Vehicle after a micro-burst destroyed many homes there.

HELP WANTED HELP WANTED HELP WANTED

EDITOR for SPARKS, the Tri-State Amateur Radio Society, Inc. newsletter. NO experience necessary. Contact Bob Weil, KE9PV, at 867-3825 or Blanche Elpers, KA9EIV, interim editor at 424-9182.

EVANSVILLE HAMFEST

Sunday May 31st 1992
Evansville Vanderburgh
Co. 4-H Center
Main Exhibition Hall
Set-up 5 am
Doors Open 8 am
OUR 45th YEAR

Name _____ Call _____
Address _____
State ___ Zip _____ Phone # ( ) _____

Quantity		Cost	Amount
_____	Advance Reservations	$4.00	_____
_____	Table Rental (INCLUDES ONE FREE ADMISSION)	$10.00	_____

INSTRUCTIONS: Send this completed form with payment and business size self-addressed stamped envelope to:
Reservations received after May ~~31~~ 22, 1992 will be held at the door.

For more information contact:
Lisa Clements KA9VLV (812) 423-1082

TRI-STATE
AMATEUR RADIO SOCIETY
P.O. BOX 4521 EVANSVILLE, IN 47724

Our 45th Annual

1992 TARS Hamfest™

TRI-STATE AMATEUR RADIO SOCIETY EVANSVILLE

Sunday May 31, Evansville Vanderburgh 4-H Center
Main Exhibition Hall
Set-up 5 a.m. • Doors open 8 a.m.
Free admission with table rental
All indoors rain or shine • Air Conditioned
Flea Market • Dealers • Free Parking
Bingo • Food

Set up 5 a.m.
Doors open 8 a.m.
TALK IN FREQUENCY:
147.75/.15 Primary
146.19/79 Secondary

PRIZE INFO!

First Grand Prize: ICOM IC-725 HF TRANSCEIVER
Second Grand Prize: ICOM IC-2GAT 2 METER HANDHELD
QUALITY DOOR PRIZES GALORE ALL DAY LONG!

WHAT TO SEE:

The Best Space Deals!
Table Rental $10.00 per 10 ft. table and includes one free admission.
All indoors with easy access and Air Conditioned

Super Flea Market
Best Flea Market in the Tri-State.

Dealers Galore!
The Ham Station, Minesafe Electronics, The Digital Shop and Others

WHAT TO KNOW:

Low, Low Admission
$4.00 in advance from TARS (Address below)
$6.00 day of event

Plenty of Free Parking
Free parking on 4-H grounds close and handicap accessible.

Food and Fun for All!
Breakfast: Orange juice, coffee and donuts. Lunch: Sandwiches, chips and soft drinks.

Sorry but no alcohol or firearms permitted.

For more information contact:

WHAT TO DO:

Bingo For Extra Fun!
Everyone welcome; starts at 12:00 Noon

Picnic Space Available
Picnic areas on the 4-H grounds for more family fun.

Our 45th Annual Hamfest!
Time flies when your having fun. Join us in this Southern Indiana tradition. Possibly the longest running Hamfest in Indiana. By far the largest Hamfest in Southern Indiana.

TRI-STATE AMATEUR RADIO SOCIETY EVANSVILLE

TARS P.O. Box 4521 Evansville, Indiana 47724
or call Lisa Clements KA9VLV (812) 423-1082

CQ - CQ de N9GWS

DUST OFF THE TWO METER RIGS (HTs) & CHARGE THE BATTERIES!

Starting next month (JUNE) we will be busy for quite a while.

Starting June 15, for the entire week, Hal, WB9FNN, needs a lot of help, helping "HABITAT for HUMANITY" program.

On Saturday June 20 will be the "River bank Clean Up" program.

On the following week-end, we will work the Freedom Festival Parade. Saturday evening, June 27 & Sunday June 28 we will work "Thunder" if they need us. I'm sure they will.

MORE SOON!

See you at the Club meeting, May 14. Till then, 73 Charlie, N9GWS

NOTICE

Recently Matthew Dean, KB9BPJ, received a call from NL7PW, Charles Kuhlman of Anchorage, Alaska.

Charles is continuing to devote much of his time in learning the whereabouts of his Father. The elder Kuhlman is listed as MIA in Laos. Charles is pursuing all means to achieve this goal and would like to know if any Hams have heard anything on the Amateur Bands concerning the release of PIAs & MIAs in Laos. Any information will be most welcome. You can contact Charles Kuhlman, NL7PW by writing him at P.O. Box 241602, Anchorage, Alaska, 99524 or Phone 907-272-3833.

REPEATER UP-DATE

The 147.75/15 repeater which has been temporarily located at the QTH Of Hal, WB9FNN, is now operating with the amplifier in line. Hal & Mark, N9GKW accomplished this just minutes before the Wednesday evening Emergency net. What a difference POWER makes! They hope to have the repeater back at the State Police Post in about a week. THANKS to all who helped with the repairs.

TARS meeting may 14, 1992 at 7:30pm at Red Cross. Program will be a Video--Last Signal out of Kuwait--Ham Radio operators in Kuwait getting out Intelligence Reports. Should be a very interesting program.

THE WATCH SHOP WILBER WEISLING W9OVB CUSTOM JEWLERS & WATCH REPAIR 317 LOCUST ST. PH. —— 464-8477 5	DANMART ENTERPRISES DANIEL J. MARTIN 6500 HENZE RD. EVANSVILLE, IN 47712 (812) 963-0975 11	VINTASIA CARRIAGE WORKS IMPORT CAR SERVICE 401 W. FRANKLIN ST. JIM BARROW — W9CVN PH. —— 425-1741 7	TAWIL ELECTRONICS INC. SEMICONDUCTERS MICROPROCESSORS SYSTEMS & SUPPLIES 2121 N. BEDFORD AVE. PH. —— 425-1100 12
the HAM STATION 220 N. FULTON AVE. Mon. thru Fri. 8:00am to 5:00pm Sat. 9:00 to 3:00 PH. 812-422-0231 10	PUT YOUR AD HERE PH. —— 473-5382		HELP THE RED CROSS GIVE BLOOD PLEASE DIAMOND & HEIDELBACH PH. —— 422-3215 0

TO OUR SUBSCRIBERS: Due to unfortunate circumstances SPARKS editor has had to discontinue publishing the newsletter for the present time. We regret that you missed another month of your ad subscription. We will add the extra months at the end of your subscription year. THANKS.

EVANSVILLE PM MAY 9 1992 IND.

29 USA

W90G
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA
SPARKS
P.O. Box 4521 EVANSVILLE, IN 47724

Hal Wilson WB9FNN (S)
11555 Lameys Lane
Evansville, IN 47711

W9OG TRI-STATE AMATEUR RADIO SOCIETY EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII JUNE 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

CQ CQ CQ DE KE9PV

If you didn't make it to the annual TARS Hamfest on May 31, then you missed a good one. The weather was wonderful, the company was terrific, and the barbecue was great too. Many thanks to Lisa Clements, KA9VLV and all those who worked to make the Hamfest a success.

Special thanks go to Peggy Coulter, W9JUJ, our ARRL Indiana Section Manager and Edmond Metzger, W9PRN, our ARRL Central Division Director for attending and representing the ARRL at our Hamfest. For the benefit of our newly licensed members, TARS is an ARRL affiliated Special Service Club and encourages members to join the American Radio Relay League and thereby enhance their enjoyment of amateur radio.

The position of Editor/Publisher for the SPARKS newsletter is still open. Don't pass up this journalistic opportunity. You could be discovered by a major newspaper chain, and if not, you will still be helping your club.

See you at the club meeting on June 11.

73, Bob - KE9PV.

****

FIELD DAY 1992

What does the 27th of June, homebrew gear, a double extended zepp, hot dogs, batteries, cold drinks, and 8505 Whetstone Road have in common?

When combined with a grill, YOUR LAWN CHAIRS and good friends wanting to have fun, it must be FIELD DAY!!! This year, the TARS Field Day will be held at my house and will be mostly a QRP CW thing for the operators. For the Kibitzers, it will be a chance to gather and enjoy a good time under the shade trees. Nothing fancy, just a hot dog and a cold drink will be furnished. If you would like to bring your homebrew gear to show or use, please do so. The Ham Station has provided an MFJ 20 mtr QRP transceiver in case my homebrew rig doesn't last.

Set up will begin at about 11:00am and Ragchews will begin shortly thereafter. Talk-in will be on 147.15. How do you get there? Go to the stop light at the intersection of Oak Hill Rd. & Hwy 57 (north of the airport) and bear west on Whetstone Rd. My house is the third one on the right side.

73

John (W9FHA) SMALL

PS---Don't forget to bring your lawn chairs.

T.A.R.S. MEETING MAY 14, 1992

May 14, 1992 meeting of T.A.R.S. was held at 7:30pm CDT at American Red Cross with Pres. Bob Weil, KE9PV, presiding. There were 48 members and guests present.

Report of April 9 meeting read by KE9PV and approved.
Treasurer's report by Matthew Dean, KB9BPJ, read and approved.

Transactions of May 7 Board meeting by KE9PV. Hal, WB9FNN, reported on non-profit status of Club.

Discussed---Board's authority on actions taken at Board meetings---
In the future the Board to formulate proposals and bring to T.A.R.S. regular meeting the following week for vote by members present.

In re Field Day---need volunteer to Spear Head Field Day activities. Contact KE9PV.

In re SPARKS EDITOR---Someone to publish SPARKS monthly.

Hal, WB9FNN, gave account of T.A.R.S. non-profit- status. IRS changed classification since the 1940's when the Club was under 501C7 which is not eligible for bulk mailing. Many forms with numerous questions must be answered and sent to IRS for reclassification. There is an initial fee of $150.00 for the reclassification. The bulk mailing permit for the first year would be $150.00 and $75.00 each succeeding year paid in January.

Terry, N9HGN, made the motion to pursue the reclassification, with Charlie, N9GWS seconding it. Put to a vote, the motion carried.

Charlie, N9GWS, discussed Freedom Festival Activities.
June 19, Friday 6:00pm Pepsi Balloon Glow at USI Campus
June 20 Saturday 6:45 to 8:45 am Kenny Kent Hot Air Balloon Key Grab at USI Campus.
June 20 Saturday AM River Bank clean up.
June 20, Saturday 6 pm Schnuck's Hot Air Balloon Classic--USI Campus
June 27, Saturday 6:30-8:30 pm Nabisco Parade--downtown
June 28, Sunday 11:30 am--4:30 pm Budweiser Thunder on the Ohio

Hal, WB9FNN, asked for help for Habitat June 15-20 from 6:30 am to 5:00 pm.

George, N9FMO, introduced the new Vanderburgh Co. Emergency Co-ordinator Ron Goebel, N9LDK

Willie Wilson, WD9FHA, reported he will be able to bring 50F1 drinks to the June meeting but unable to do so for July & August meetings.

After a break for refreshments KE9PV asked for a 2-meter antenna to be used at NWS.

A 25 minute Video furnished by Ray, KJ4HP was shown. Entitled 'The last Voice from Kuwait'. The video showed 9K2DZ, Abduljabbar Mansoor Maarafie operating.

Meeting adjourned 8:55pm.

Blanche M. Elpers, KA9EIV
Interim Editor

W9OG
TRI-STATE
AMATEUR RADIO SOCIETY
EVANSVILLE

President:
Bob Weil, KE9PV

Vice President:
Lisa Clements, KA9VLV

Secretary:
Chris Lantaff, KE9YK

Treasurer:
Matthew Dean, KB9BPJ

Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DER

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SPARKS Staff:
B. Elpers, KA9EIV
Matthew Dean, KB9BPJ

Publication Deadline: material for publication must be received by the 25th of the month preceding the publication date. Material may be submitted to [illegible]
KA9EIV, 840 Herndon 47711

NOTICES

Hal, WB9FNN, reminds you again of HABITAT FOR HUMANITIES the week of June 15 thru ~~June~~ June 20, 1992. The workday is 6:30 am to 5:00 pm. You can pick your hours. Working for Hal will be communication operators only. He has volunteers to date to do the job, however if you can help please, give Hal a call at 867-3151. The more volunteers he has, the less hours each would have to work.

CONDOLENCES to Delores Shoptaugh, KA9KRD, whose sister Thelma R. Hilt age 59 passed away May 13, 1992. Also to Harold Muensterman, N9DEO, whose sister passed away On May 30, 1992. Cards of appreciation from Delores & Harold have been received for the T.A.R.S. cards sent.

THANKS to Bob Effland, AI9H who included a copy of T.A.R.S. Hamfest flyer in the mailing of R.A.D.I.O., the Mt. Carmel Radio Club Newsletter.

THANKS to the Ham Station for the donation of a MFJ 5/8 wave ground plane antenna to the Club to be inatalled at National Weather Service. Thanks to Norm Carrol and Shane Luecke, electronic technician for installation of the above mentioned 2-meter antenna. Thanks also to Ron, N9LDK.

WELCOME to the following who joined T.A.R.S. at the last meeting:
Jack Mathias, W9FMW
Mark DeCamps, N9NDL
Stephen S. Lavallo, WA2HGA
Daniel Weil

ARRL LETTER---STIFF FCC FINES INCLUDE SEVERAL AMATEURS. April 27, 1992

The FCC has launched what is expected to be a wave of enforcement actions, including a few against amateurs. Last week, the FCC issued three Notices of Apparent Liability affecting Amateur Radio. A Technician class licensee in Lewiston, Me., was issued an NAL for $10,000, for using non-type accepted equipment to transmit in the Citizen's Band. Also on April 24, a non-amateur in Tampa. Florida, was issued an $8,000 NAL for transmitting on the Amateur 40-meter band. On the same day, an Amateur Extra Class licensee, Donald Bishop, NØEA, was issued an NAL for $10,000 for transmitting from a mobile installation on frequencies near 7420 and 15050 KHZ.

FCC NEWS---U.S. Marshals, with the assistance of agents from the FCC's San Francisco Office, confiscated illegal radio equipment from the Yak Yak Shack in Coring, Ca. The owner of the shop is Jerry J. Weiss.

Twenty-seven pieces of illegal radio equipment were seized. These included 20 CB linear amplifiers (capable of operating at power levels in excess of the limits set by FCC Rules) and 7 CB transceivers modified to operate on unauthorized frequencies. Violators face potential criminal penalties of up to $100,000 in fines and/or up to one year in prison.

CHECK YOUR LICENSE for the expiration date. Is your address still the same as listed on the license? If your license has expired or you have moved or otherwise changed your address you need to fill out a 610 form and send to FCC--If you need a 610 drop by my QTH or send me an SASE. Blanche M. Elpers, KA9EIV, 840 Herndon Dr., Evansville, In. 47711

CONGRATULATIONS!

Cecil, WQ9U, and Jennifer West announce the birth of their daughter on May 20, 1992. Emily Katherine arrived at 3:11pm weighing 7 pounds.

VOLUNTEER TESTING: Madisonville, Ky. on Saturday June 20, 1992 at 7:00pm at the DES (Disaster Emergency Service) building on N. Franklin St. Contact Dwight Orten, KM4FO, 4785 Nebo Rd., Madisonville, Ky., 42431 or phone 1-502-825-1694. Walk-ins welcome.

VOLUNTEER EXAMINER TESTING: Evansville, In. Saturday July 18, 1992 at 9:00am CDT at American Red Cross Bldg. corner Diamond Ave & Heidelbach. Contact Cecil West, WQ9U, at 985-0109 or Blanche Elpers, KA9EIV at 424-9182. Fee $5.40.

WANTED: Public Relation (PR) person for T.A.R.S.. Someone to contact the news media as to operations of the Amateur Radio Operators of the area. Reporting upcoming events, such as Hamfest, Field Day, Freedom Festival activities, Weather Watch, Habitat, Emergencies, etc. Someone who can present the Amateur Radio Activities to the public. If you are interested, please call Bob Weil, KE9PV, at 867-3825 or talk to him at the Club meetings.

Next T.A.R.S. meeting Thursday, June 11, 1992 at 7:30pm at American Red Cross corner Diamond Ave & Heidelbach. Program to be 'Field Day' and what it is all about. John Small, W9FHA, will be in charge. We have several new members attending the meetings. How about wearing your name tag so they can readily put a face with a call?

THE WATCH SHOP
WILBER WEISLING W9OVB
CUSTOM JEWELERS
& WATCH REPAIR
113 S.E. 4th St.
PH.----464-8477 5

DANHART
ENTERPRISES
DANIEL J. MARTIN
6500 HENZE RD.
EVANSVILLE, IN 47712
(812) 963-0975 11

VINTASIA
CARRIAGE WORKS
IMPORT CAR SERVICE
401 W. FRANKLIN ST.
JIM BARROW — W9CVN
PH. —— 425-1741 7

TAWIL ELECTRONICS INC.
SEMICONDUCTERS
MICROPROCESSORS
SYSTEMS & SUPPLIES
2121 N. BEDFORD AVE.
PH. —— 425-1100 12

The
HAM STATION
220 N. FULTON AVE.
Mon. thru Fri.
8:00am to 5:00pm
Sat. 9:00 to 3:00
PH. 812-422-0231 10

PUT YOUR AD
HERE
PH. —— 424-9182

HELP THE RED CROSS
GIVE BLOOD PLEASE
DIAMOND&HEIDELBACH
PH. —— 422-3215 0

ATTENTION T.A.R.S. members, Please make note of the change of address for the WATCH SHOP.

W90G

TRI-STATE
AMATEUR RADIO SOCIETY
EVANSVILLE
INDIANA

SPARKS

P.O. Box 4521 EVANSVILLE, IN 47724

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII JULY , 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

CQ CQ CQ de KE9PV

RAH, RAH, RAH, no work, no TV, no telephone and alas no radio. Oh well! Every silver lining has a cloud attached.

Here I am in a log cabin--air-conditioned--surrounded by family in the middle of a State Park. I'm not saying which one. I brought my 2-meter hand held, but cannot seem to work any repeaters from here. Lugging my heavy antique HF gear along did not appeal to me. So for most intents and purposes, I am incommunicado and it feels good too.

During the days, we've been taking long hikes through the forests and teaching our daughters to swim. Evenings find us playing cards, telling stories and reading books. It is a shame it is only for one week.

For one week, it's just my family and me, woods and wildlife. For one week, the world, my job and yes, even ham radio can wait.

73, Bob, KE9PV

****

FIELD DAY 1992

A beautiful weekend and good friends made this year's field day successful in a different sort of way. Making contacts was secondary to 'rag chewing' on a wide range of subjects. Culinary delights, made to each individual's specification, also contributed to the event.

We made 5 SSB QSO's using Steve Harmon's antique ATLAS RX-1 and TX-1 running five watts on 40 meters. The 20 meter CW station was all 'homebrew' running 3 watts and made 69 contacts. Also, there was a QSO with an English station. Additional points were earned, thanks to Harold's solar panels, Blanche copying the W1AW message and handling traffic along with Lisa. About three hours of actual operating earned us 1115 points in the 1A class.

73
John, W9FHA

Thanks, John, for hosting 'Field Day 1992' and keeping alive the long time tradition for T.A.R.S.. Thanks to all who operated or just came out to observe and visit.

NOTICE

T.A.R.S. MEETING JULY 9, 1992, 7:30pm CDT at American Red Cross Corner Diamond Ave & Heidelbach. Program is 'Homebrew night' For those of you who are newcomers to the club, homebrew is something you built yourself. It is always interesting and educational to see something you don't go into a store and purchase. We look forward to seeing many of you at the meeting and don't forget to wear your name tag.

T.A.R.S. MEETING JUNE 11, 1992

June 11, 1992 meeting of T.A.R.S. was held at 7:30pm CDT at American Red Cross with Pres. Bob Weil, KE9PV, presiding. There were 35 members and guests present.

Treasurer's report read by Matthew Dean, KB9BPJ, and approved.
John Small, W9FHA, said he would host Field Day at his home.
T.A.R.S. looking for a place to store Hamfest signs.
Does anyone know where the Byrd Wattmeter is?
Repeater 146.19/79 is looking for a new home. The EMA building at Baker & Illinois not practical. Location near Ch. 44 mentioned. Also water tower on Campground Rd. and tower at Lincoln & Green River Rd.
Charlie, N9GWS, to set date for 1993 Hamfest. Mark, N9GKW, has resigned as repeater committee chairman and turned records over to Hal, WB9FNN.
Note, the above were actions of the Board of Directors meeting of June 4 and read by the President at the June regular meeting.

Charlie, N9GWS, asked for volunteers for the Freedom Festival Parade, the Balloon Glow, The Balloon Hare & Hounds race and help for the river front clean-up the morning of the 20th.

Steve Harmon, N9HGF, reported he spoke to some 200 people, who reported a 'Good Hamfest'.

Charlie, N9GWS, has reserved the air-conditioned building at the 4-H (same place as this year) for the date of June 6 for the 1993 Hamfest.

Hal, WB9FNN, asked for volunteers for Habitat June 15 thru June 20.

Need someone to volunteer to bring soft drinks to the July & August meetings.

John, W9FHA, gave a talk on Field Day: Why, When, Where, etc. to enlighten the new T.A.R.S. members. He also showed his QRP CW rig that he would use. After refreshments John showed a Video of Micro-Wave Technology and spoke of the Micro-Wave operations at S.I.G. & E. Co.
Harold, N9DEO mentioned the new 30 year light bulb soon to be marketed.

After the meeting adjourned some members attached the data-plate to the Red Cross generator given them by Tri-State Amateur Radio Society.

****

VE TESTING

Tri-State Amateur Radio Society will hold a test session on Saturday July 18, 1992 at 9:00am CDT at the American Red Cross, corner Diamond Ave. Expressway West and Heidelbach Ave. There will be parking space available across the street in the Permanent Federal Savings Bank lot.

All elements of Code and written will be given. Fee is $5.40 check made payable to ARRL/VEC. Bring with you your original license, plus a copy of it. Also any certificates you might have, plus a copy of them. Bring a pen, pencil, eraser, calculator and two forms of ID.
If possible please contact Cecil West, WQ9U at 985-0109 or Blanche Elpers, KA9EIV at 424-9182 prior to test date.

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE

President:
Bob Weil, KE9PV
Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DEQ

T.A.R.S. Board Meetings are held the First Thursday of each month at 7:00 pm at the American Red Cross.

T.A.R.S. Regular Club Meetings are held on the Second Thursday of the month at 7:30 pm at the American Red Cross Building, on the corner of Diamond and Heidelbach.

The Tri-State Emergency Net meets each Wednesday evening at 8:00 pm on the T.A.R.S. W9OG repeater 147.75/15. Alternate Repeater 146.19/79.

For Club business write:
T. A. R. S.
P.O. Box 4521
Evansville, IN 47724

SPARKS is published monthly by the Tri-State Amateur Radio Society - Evansville, Indiana.
SPARKS Staff:
B. Elpers, KA9EIV
Matthew Dean, KB9BPJ
Publication Deadline: material for publication must be received by the 25th of the month preceding the publication date. Material may be submitted to KA9EIV, 840 Herndon 47711

TREASURER'S REPORT (June 11, 1992)

Beginning Balance (May 14, 1992)	$3178.11
Expenses:	
Meeting Refreshments	12.36
SPARKS	62.41
Engraved Plate for Red Cross Generator	8.90
Phone Bill-Repeater (May)	23.21
Hamfest Change Money	350.00
Hamfest Food	74.22
Ham Station (Hamfest Prizes)	760.00
Hamfest Shelter Rental Balance (4-H)	400.00
Creative Signs (Hamfest Road Signs)	68.00
Coca-Cola (Hamfest Drinks)	143.85
Income:	
Club Dues	104.00
Hamfest Tickets & Tables	3311.00
Hamfest Change Money Deposit	350.00
Hamfest Food Sales	490.50
Interest (Checking Acct.)	7.19
Ending Balance:	$5537.85

HAMFEST REPORT (June 11, 1992) Tentative

Expenses:	
4-H Shelter House Rental	550.00
Grafik Systems (Flyer printing)	56.64
Hamfest Food	74.22
Ham Station (prizes)	760.00
Hamfest Postage	19.24
Creative Signs (Hamfest Road Signs)	68.00
Coca-Cola	143.85
Total Expenses	$1671.95
Income:	
Hamfest Tickets & Tables	$3311.00
Hamfest Food Sales	490.50
Gross Income	$3801.50
Minus Total Expenses	1671.95
NET INCOME	$2129.55

Since this report was made there have been bills for food and prizes in the amount of $368.18 paid. This would reduce the income figure to $1761.37.

"A week of miracles". That's what the Evansville Courier called the week of June 15 - 20, 1992, the week that the people of Evansville, Indiana built 21 houses in 6 days under the auspices of Habitat of Evansville.

Amateur radio got involved when Vanderburgh County Emergency Management Director Sherman Greer was asked to assist with the project, providing the coordination of emergency services, including first aid, site access, traffic control, etc. He agreed, as did the volunteer services that work with his office. When he asked for RACES assistance with communications, he really did not know just what might be needed as all previous Habitat International efforts had no specific communications plan.

It was decided that this would prove to be a good exercise in site control such as might be needed following a tornado or similar disaster, and it certainly did. RACES operators were assigned to the two primary access points for supplies and to the Admissions area which was close to the emergency services (Red Cross), food service and management personnel. Radio on a 2 meter simplex frequency, using hand held and mobile equipment provided contact between these points. All other communications used available Red Cross frequencies, EMA frequencies and cellular telephones.

Working this way gave us a taste of what might be needed in an emergency. It was apparent that in a true emergency we would need many more operators if normal telephone communications were put out of service, but all equipment used, whether amateur radio or commercial was "wireless" and "portable" using battery power.

It was a long, tough week, with most operators putting in 10 or more hours each day, or coming in after putting in a full work shift and working another 4 - 5 hours at the Habitat site. But the planning used to accomplish this project is viable in most all respects and will become the nucleus of what would be needed to recover from a tornado, flood or earthquake that would create the need for massive rebuilding efforts.

I want to again thank the following operators who gave so freely of their time and effort: KD4BXV, N9PDL, N9OPS, KB9GMI, KA9NOO, KB9BPJ, WA9IVE, N9HGN, KA9SXB, KA9VLV, KE9ZV, WD9EDH, N[illegible]9DEQ, W9LBS, W9NJE, WD9HUN, N9JWV, KD4ORZ, N9IWD, W9CVN and KB9HDZ, plus those who tried but couldn't fit it into their regular work schedule. Lets hope we never have to put this plan to work to recover from an emergency.

73 Hal, WB9FNN

THANKS! THANKS!

Many thanks to all who helped with communications for the Freedom Festival. It was a tough ten day period, starting with the Balloon Glow on Friday June 19 and concluding Sunday June 28.

I will submit to the Freedom Festival Board a list of all who participated.

They, normally, throw a "Thank You" party for all concerned. It usually is held in late summer or early fall. Invitations will be mailed direct.

See you at the T.A.R.S. meeting on July 9th! THANKS again.

Charlie, N9GWS

DRUMS ON THE OHIO

The Drum & Bugle Corps competition will be held Wednesday July 22, 1992 at Reitz Bowl. Presentation of Colors will be at 7:00pm with competition starting at 7:30pm. There will be six corps competing with one coming from Canada. Al, W9UMS, will be in charge of communications.

FOR SALE: KENWOOD TS-940S/AT One owner, perfect condition. $1395.00.
Dentron Antenna Tuner rated at 500 watts continuous and 1000 watts PEP. $95.00.
D 104 Mic. $35.00.
Anyone interested call me--Bev Howard, W9BC. Ph. 424-1042

FREE: QSTs---Good condition---1982 through 1989 complete.
1981 one month missing. 1980 five months missing.
Blanche M. Elpers, KA9EIV, 840 Herndon Dr. Ph. 424-9182

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the HAM STATION 220 N. FULTON AVE. Mon. thru Fri. 8:00am to 5:00pm Sat. 9:00 to 3:00 PH. 812-422-0231 10	PUT YOUR AD HERE PH. — 473-5382		HELP THE RED CROSS GIVE BLOOD PLEASE DIAMOND & HEIDELBACH PH. — 422-3215 0

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TRI-STATE
AMATEUR RADIO SOCIETY
EVANSVILLE
INDIANA

SPARKS

P.O. Box 4521 EVANSVILLE, IN 47724

William Cook K5LPS
& Collier N9IWD
6400 Pfafflin Lake Blvd.
Newburgh, IN 47630

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII AUGUST , 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

DEDICATED to the MEMORY of KENNETH L. SMALL, WA9HGA

Kenneth L. Small, 79, 804 Hercules Ave., Evansville, In. 47711 died at 12:45am Sunday July 19, 1992 at St. Mary's Medical Center where he had entered on Thursday July 16.

Ken retired from SIG & E Co in 1978 after 42 years as a transformer repairman. He also had worked as a lineman.

He was a member of Bethelem United Church of Christ, Lessing Lodge 464 F & AM, York Rite, NoRuz Grotto and Sword of Bunker Hill.

Ken became an amateur radio operator with the call WA9HGA prior to March 1963 and kept a regular schedule with his son John, W9FHA, stationed at points around the world with the Air Force. Ken was a member of QCWA, Quarter Century Wireless Assoc.). He was a member of TARS (Tri-State Amateur Radio Society) beginning in the '60 s and serving as Director and Hamfest chairman when the hamfest budget was $300.00. He had been a member of WAAC-ARC (Warrick & Adjoining Counties Amateur Radio Club) since July 1978 and served as Treasurer in 1980. He was an avid golfer and bowler. The top shelf in his radio shack was lined with trophies.

That he was well liked was evidenced by the 35 plus amateurs as well as employees and retirees of SIG & E Co., relatives, neighbors and friends who paid their respects to the family or attended the services.

Surviving Ken are a daughter, Madeline King of Princeton, In., sons John and Tom of Evansville, a sister Mildred Falls of St. Wendel, In. seven grandchildren and four great grandchildren.

Masonic services were held at Alexander Funeral Home East Chapel Monday at 7:00 pm. Services were 1:00 pm Tuesday, Rev. John Miller officiating with burial in Sunset Memorial Park Cemetery.

For many years Ken was an active member of Zion UCC Church and the Boy Scouts. He was an active member of TARS and helped with the renovation of the Civil Defense building on Baker Ave. when it was used by TARS. WA9HGA will be remembered for his years of willing service to the many organizations needing his expertise.

CQ CQ CQ de KE9PV

Cross your fingers; the worst of the thunderstorm season should be behind us, but we still have the occasional one blow up. It's hard to believe, but the days have been getting shorter for over a month now. Soon, it will be time for our annual club picnic and my favorite time of the year, Autumn. Of course, we still have August to contend with.

August looks like it will be a busy month for the club. Our biggest challenge will be getting the 146.79 repeater moved and back on the air. Since this is the autopatch repeater, we will not want it down long. Please give the repeater committee your support.

I'd like to welcome Charlie, N9GWS, to the repeater committee. Thanks for your help, Charlie. Thanks also to Mark Simpson for the many long hours he put in in keeping the repeaters on the air. Mark has resigned from the committee but continues to help as time permits.

Enjoy the rest of the summer.

73, Bob, KE9PV

****

Well, today is the last day of July and the summer is half gone and it is time to put together something for August Sparks.

First, thanks to those of you who assisted in getting all the visiting drum corp to Reitz Bowl and other related duties. All went well, with no incidents, and the availability of 800 Mhz contact with the Evansville Police Dept and EMA Police assisted with a couple of traffic control problems.

The rest of the summer should be quiet, if the weather cooperates, as there are no more planned activities I am aware of. The regular monthly RACES net will be on Saturday, August 15, 10:00 am local time on 3.9965 Mhz. Look for WC9AAJ, the state RACES call sign. All RACES members are welcomed to check in. Last month's net had little traffic.

If anyone has any thoughts regarding practice drills or any other activity that would help sharpen our skills, or anything re equipment ideas, etc. I'd love your suggestions.

73 Hal, WB9FNN

NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE

AUGUST 13, 1992 TARS meeting 7:00pm (Repeat 7:00 pm) at American Red Cross. There will be a short business meeting after which we will go to the 800 Mhz Central Dispatch Bldg. at 1331 Harmony Way for a tour of the building. Listen to the Wednesday evening 8:00 pm net for further details.

September 12 TARS annual picnic at Mesker Park Shelter #15. This is a Saturday and will take place of the regular Sept. meeting. Listen to the nets for further details.

December 5 TARS annual Christmas party at 6:30pm, Saturday at Evans Cafe. This is the usual December meeting. Listen to the Wednesday evening nets for further details.

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE

President:
Bob Weil, KE9PV
Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DEQ

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Matthew Dean, KB9BPJ
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TREASURER'S REPORT (July 9. 1992)

Beginning Balance (June 11, 1992)	$5537.85
Expenses:	
Hamfest Bingo Prizes	93.84
Hamfest food	244.34
Hamfest door prizes	30.00
SPARKS(Postage & Printing)	71.83
Grafik Systems (2nd version of Hamfest Flyers & Tickets)	169.96
Phone Bill-Repeater (June)	23.21
P.O. Box rental	35.00
Income:	
Interest (Checking Acct.)	12.71
Ending Balance:	$4882.38

HAMFEST REPORT (July 9, 1992)

Expenses:	
4-H Shelter House Rental	$ 550.00
Grafik Systems (Flyer & Ticket printing)	226.60
Hamfest Food	318.56
Ham Station (Prizes)	760.00
Hamfest postage	19.24
Creative Signs (Hamfest Road Signs)	68.00
Bingo prizes	93.84
Door Prizes	30.00
Coca-Cola	143.85
Total Expenses	$2210.09
Income:	
Hamfest Tickets & Tables	$3311.00
Hamfest food sales	490.50
Gross Income	$3801.50
Minus Total Expenses	2210.09
NET INCOME	$1591.41

This is the final figure for the 1992 Hamfest. All accounts have been settled.

****

TRI-STATE AMATEUR RADIO SOCIETY, INC.
AUDIT - 1991
Prepared by Blanche M. Elpers

Using the General ledger and the Accounts ledger of TARS and the receipts of bills paid, deposit slips and bank statements I submit the following:

Beginning balance(Ending balance shown on 1990 audit)$2507.77
Receipts $7810.52
Payments 6339.90
Ending balance December 21, 1991 $3978.39

Auditor's note: Ledgers in very neat condition.
Excellent job of bookeeping.
Thanks Matthew Dean, KB9BPJ for a job well done.
Blanche M. Elpers, KA9EIV

Volunteer Examiner Test Session July 18, 1992.

Twenty two tests were administered to eighteen examinees.
Four earned no-code technician
Five earned technician plus
two earned General class.
Examiners were:

Harold Muensterman, N9DEO	Harold Wilson, WB9FNN
Russell Commens, WB9NAU	Neil Rapp, WB9VPG
James Kirkwood, Sr., AA9AI	Blanche Elpers, KA9EIV

Cecil West, WQ9U, was ARRL liaison and in charge of the session. Cecil reports that ARRL found the session papers to be in good order and had forwarded them to FCC on July 27, 1992.

Thanks to all who participated.

Blanche M. Elpers, KA9EIV

FCC Notice of Proposed Rulemaking regarding bringing Novice examinations under the VEC system.

The FCC proposes that all exams be VEC coordinated, including Novice.

Three accredited VE's will be required to administer all amateur examinations.

Since all examinations will be VEC coordinated, all successful examinees would have their credit documented through the issuance of a CSCE.

The FCC feels that all VEs and VECs(who charge a test fee) may be reimbursed by examinees for necessary and prudent out-of-pocket expenses.

In addition to Extra & Advanced class licensees, Generals can also be accredited to administer examinations for the Novice class license.

A public announcement must be made before the administration of any Amateur Radio Examination.

And, VECs agree to coordinate exams for any class of Amateur Radio license.

The FCC's comment Deadline for this proposal is on or before October 9, 1992. Reply Comments must be received on or before November 9, 1992. The full FCC proposal text will be reprinted in your upcoming VE Express newsletter.

DRUMS on the OHIO

On July 22, 1992 fifteen Amateur Radio Operators assisted the Evansville Downtown Civitan Club in the presentation of "Drums on the Ohio" at Reitz Bowl. Frequencies used were the 147.75/15 repeater and 76/76 simplex.

Hal Wilson, WB9FNN, operated at Reitz Bowl as net control and had communication with all the amateurs leading the buses & trailers from their various locations. Karl Codner, N9DEQ, operated on 76/76 and controlled the entrance of the Corps onto the field. John Lenn, WA9IVE, operated on the field and handled a bulk of traffic between N9DEQ and Al Schoettlin, W9UMS, who operated from the Press Box. Steve Harmon, N9HGF assisted at the gate. Collier Cook, N9IWD, operated in the office at the bowl.

Bob Henn, KA9TML, hosted and led the Canadian Corps from the Armory. Jim Shoptaugh, KA9KRE & Delores. KA9KRD brought the Troopers in from Princeton High School. George Utley, N9FMO led the Blue Knights from Central High to the bowl. George said it helps to have a CB in your car as the Corps are equipped with them and it makes it easier to keep the units together. Ralph, K9STX and Shirley, K9STV Waldo led the Madison Scouts in from Mt. Vernon High. Rich Schaeffer, N9NCG saw that the Santa Clare Vanguards got from Mater Dei to the bowl. Jeff Lyons, KB9GMH from his work QTH kept all informed of weather conditions. Terry Bass, N9HGN, had the COLTS at the soccer field next to Roberts Stadium for practice when a swarm of bees drove them out.

continued bottom of page 5

TARS MEETING JULY 9, 1992

President Bob Weil, KE9PV, presided with 27 members and guests present. Matthew Dean, KB9BPJ, gave the final Hamfest report. All bills have now been paid.

Lisa, KA9VLV, reported on the last week's Board meeting. There was no business conducted as only 4 members were present.

John, W9FHA, gave a report on Field Day---GOOD FOOD, GOOD FUN. About 20 persons participated. Extra points were gained through QRP, battery, solar panel, W1AW message and SM traffic. With contacts this made a total of 1100 points in about 3 hours operating time.

Charlie, N9GWS, thanked those who worked the Parade.
Hal, WB9FNN, reported the parade went smoothly.

The 146.19/79 repeater is losing it's site as of the end of the month. Chris, WY9O is remodeling and needs the space.

Motion was made to appropiate up to $800.00 if needed for a new building for the repeater. Board to take whatever action necessary to purchase building.

After intermission the homebrew items were explained, demonstrated, etc. First was a QRP CW station, complete with a cubic inch transmitter, crow-bar, power supply, transformer, etc. the project of WA9HGA, W9FHA and KA9EIV. Next was a clock by N9DEO which gave WWV reports at 18 minutes after the hour. Harold also showed his world globe, showing sunrise, sunset and length of days. K9PKG explained his TOP magnet which gets it's power from light. Consisted of 16 to 17,000 turns of wire.

W9FHA showed his programable keyer, $5.00 battery charger, antenna coupler and QRP SWR bridge which he had assembled. K9JSK brought a 1956 6 meter transmitter.

WB9FNN showed the 2 meter antenna he uses in the mountains. All parts can be stored in the main part. K9STX also had an antenna, it's 4 elements and coax stored in the tube. He used a gamma match from April 73 magazine.

Someone had an item---1940-1945---National Radio Institute which played 1940's music. I'm sorry, my notes are incomplete. N9DEQ showed a 5/8 wave antenna using a bike whip & a variable capacitor in a spool base. He had 1/4 wave for an HT using fiber glass rod with braid on outside. Last we had WA9KJI with his wireless Mic which could be used remotely with most anything.

Thanks to all who brought their homebrew. It was a very interesting meeting. Meeting adjourned at 9:28.

Blanche M. Elpers, KA9EIV
Interim Editor

continued from page 4
Terry also had to transport a Corps member to the airport so he could fly home. He had developed pheumonia. Then on to the Radio Shack so a Director could get an antenna for his telephone. All six Corps and the Downtown Civitan Club had the highest praise for the service rendered by the amateurs. It was a beautiful evening. Al, W9UMS

THE WATCH SHOP WILBER WEISLING W9OVB MFG JEWELERS & WATCH REPAIR 113 S.E. 4th St. PH.---------464-8477	DANMART ENTERPRISES DANIEL J. MARTIN 6500 HENZE RD. EVANSVILLE, IN 47712 (812) 963-0975 11	VINTASIA CARRIAGE WORKS IMPORT CAR SERVICE 401 W. FRANKLIN ST. JIM BARROW — W9CVN PH. —— 425-1741 7	TAWIL ELECTRONICS INC. SEMICONDUCTERS MICROPROCESSORS SYSTEMS & SUPPLIES 2121 N. BEDFORD AVE. PH. —— 425-1100 12
the HAM STATION 220 N. FULTON AVE. Mon. thru Fri. 8:00am to 5:00pm Sat. 9:00 to 3:00 PH. 812-422-0231 10	PUT YOUR AD HERE PH. —— 473-5382		HELP THE RED CROSS GIVE BLOOD PLEASE DIAMOND&HEIDELBACH PH. —— 422-3215 0

FOR SALE or TRADE

COMPUTER SYSTEM---Commodore 64, disk drive, monitor, 2 boxes programs. Will sell as complete system or separately. Everything for $195.00. Contact Dean Wathen, KF9DL at Ph. 423-1082.

W9OG
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EVANSVILLE SPARKS
INDIANA
P.O. Box 4521 EVANSVILLE, IN 47724

Hal Wilson WB9FNN (S)
& Carol KB9HDZ
11555 Lameys Lane
Evansville, IN 47711

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII SEPTEMBER , 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

DEDICATED to the MEMORY of

MARY LOU VANADA
WB9YMW

Mary Lou Vanada, 72, of Newburgh, In. passed away at 6:45 a.m. Saturday, August 8, 1992 at Deaconess Hospital the result of a heart attack.

Mary Lou had worked at Schmitt Photo for several years. She was a member of Yankeetown United Methodist Church in Yankeetown, in. and was a member of the 1938 graduating class at Central High School.

Mary Lou was a member of Warrick & Adjoining Counties Amateur Radio Club and the Tri-State Amateur Radio Society. She was licensed 19 years ago with the call WB9YMW. Her husband George, WA9OCO, gave her call the phonetics of Young Married Woman.

She was a quiet person, soft spoken and always a smile on her face. Her number one concern was her husband. They observed their 34th wedding anniversary on April 26. George's number one concern was Mary Lou. Mary Lou told of the time she heard the scanner in their room saying the Delta Queen was going through the locks at Newburgh. She always wanted to see inside the rooms on the Delta Queen. It was about 2:30 a.m. but they got up and dressed and George drove her down to see the Queen. However, she wasn't able to see inside the rooms as the lights were out.

Mary Lou was a Christmas present for her parents, her arrival being on Christmas Day.

Surviving with her husband, George, are a son Roger of Denver, Co., two grandchildren and two great grandchildren.

Services were at 2:00 p.m. August 11, 1992 at Simpson Funeral Home in Newburgh with the Revs. Ralph Miller and Richard Eslinger officiating. Burial was in Bates Hill Cemetery in Yankeetown. Amazing Grace was played on the Bagpipes at the cemetery, a previous request of Mary Lou.

A 'Thank you' card was received from George for the memorial contribution sent to American Heart Association from T.A.R.S. in memory of Mary Lou.

President:
Bob Weil, KE9PV
Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DER

T.A.R.S. Board Meetings are held the First Thursday of each month at 7:00 pm at the American Red Cross.

T.A.R.S. Regular Club Meetings are held on the Second Thursday of the month at 7:30 pm at the American Red Cross Building, on the corner of Diamond and Heidelbach.

The Tri-State Emergency Net meets each Wednesday evening at 8:00 pm on the T.A.R.S. W9OG repeater 147.75/15. Alternate Repeater 146.19/79.

For Club business write:
T. A. R. S.
P.O. Box 4521
Evansville, IN 47724

SPARKS is published monthly by the Tri-State Amateur Radio Society - Evansville, Indiana.

SPARKS Staff:
B. Elpers, KA9EIV
Matthew Dean, KB9BPJ

Publication Deadline: material for publication must be received by the 25th of the month preceding the publication date. Material may be submitted to
KA9EIV, 840 Herndon 47711

TREASURER'S REPORT (Aug. 13, 1992)

Beginning Balance (July 9, 1992)	$4882.38
Expenses:	
Field Day Expenses	$29.33
SPARKS (July & August)	$118.63
Picnic Shelter Rental	$42.00
Phone Bill-Repeater (July)	$16.86
Ken Small WA9HGA Memorial	$26.25
Radio Equipment Insurance	$59.83
Income:	
Club Dues	$18.00
Interest (Checking Acct.)	$10.73
Ending Balance:	$4618.21

BOARD MEETING AUGUST 6th, 1992--Chris, KE9YK

Meeting called to order by Bob, KE9PV with the following in attendance: Lisa, KA9VLV, Chris, KE9YK and Karl, N9DEQ.

Discussion on obtaining a new location for the 146.19/79 rptr.
Discussion on the 1993 Hamfest.
Discussion on setting up a nominating committee.
Discussion on the picnic set for Sat. Sept. 12 at Mesker Park.
Discussion--TARS Christmas party, Sat. Dec. 5th at Evans Cafe.
Discussion on the Aug. meeting, tour of the Central Dispatch.

TARS CLUB MEETING August 13th, 1992--Chris, KE9YK

Meeting called to order by Lisa KA9VLV at 7:00pm at the Red Cross with 25 members present.

Following the announcement of the new arrival at the Weil family, we had a secretary's report of the board meeting, the treasurer's report, and a report from Hal on the progress of a new location for the 146.19/79 rptr. Following the short meeting most all of the members made the trip to the Vanderburgh Co. Central Dispatch for a very nice and informative tour.

THANKS to Gary, WB9LIB & Bob, KE9PV for the supplements to the newsletter. These were: TOWER/ANTENNA LIGHTNING PROTECTION & FEEDLINE/ANTENNA IMPEDANCE MATCHING & THE QUARTER WAVE TRANSFORMER.

Some of you who did not pay your dues early and were not on my mailing list until this month did not receive last month's issue. If you want it just give me a call.

Blanche M. Elpers, KA9EIV

CQ CQ CQ de KE9PV

A disaster the like of which only nature can dish out reminds us how much we humans depend on one another. Hurricane Andrew unleashed violence on a scale that awed us despite our technology and made us feel weak. Fortunately, we tend to react to this feeling by seeking each other out and using our combined strength where individual strength is not enough.

Our technology did not fail us either. If it were not for radio, television, and advanced weather equipment, the tragedy would certainly have been much greater in that more lives would have been lost. Once again, amateur radio also played a part in reducing the suffering in the aftermath. We are lucky to be involved in a hobby in which we are offered so many opportunities to participate in both technology and community.

Speaking of these opportunities, the American Diabetes Association has offered us a chance to help with a local event. On October 4, the ADA will sponsor a Walktoberfest. This will be an eight mile walk starting and ending at Harrison High School. Charlie Apfelstadt, N9GWS, is asking for volunteers to provide radio communications for the event. Please offer your time.

73, Bob, KE9PV

****

As this is written, it is a typical hot, humid August evening, the kids have started back to school and lots of folks are anxiously watching the progress of Hurricane Andrew and hoping it won't spawn problems for us. Maybe September will be as quiet as August and there will be nothing to worry about till October.

Usually, October involves the ARRL SET (Simulated Emergency Test) for which I do not have a date. October may also have a "major disaster" test exercise for RACES and the EMA. But there is nothing specific at this time and it is very possible this won't occur till November. So keep your ears open and be ready. Hopefully, as "Andrew" provided for Florida, there will be a little advance warning, not like Allendale or Petersburg tornadoes.

73, Hal, WB9FNN

Editor's note: SET will be October 17 & 18, 1992.

CONGRATULATIONS! Bob Weil, KE9PV, and wife Ann have a son. Adam Robert was born August 12 weighing 8 lb. & 2 oz. Proud Grandfather is Russel Commens, WB9NAU. Bob & Ann also have two daughters Rachel, 7 & Emily 4.

THANKS---A card of thanks has been received from John Small, W9FHA for the floral arrangement sent for his Father, Kenneth Small, WA9HGA and also for the support of the many Amateurs who expressed their sympathy.

INDIANA BULLETINS---#454---This year's Amateur Radio Public Awareness Day will be held on September 19th. For information & help on planning your club's exhibit, contact ARRL H.Q. 225 Main St., Newington, Ct. 06111.

#460---All radio hams are invited to participate in an on-the-air special event related to the Ohio River tall stacks celebration in October. Tall Stacks itself will be October 15-18. The on-the-air activity will be the entire month. The event will be publicized in 6 national magazines & 14 overseas magazines. For more info, watch your Tri-State club newsletter, or contact Jim Weaver, K8JE 11 652 Hollingsworth Way, Forest Park, Oh., 45240, Ph. 513-825-8234.

NOTICE TO ALL TARS MEMBERS

The September TARS meeting will be the annual picnic. It will be held on Saturday Sept. 12 beginning at 4:30 p.m. CDT at Shelter #15 at Mesker Park. The Club will furnish meat, bread and soft drinks. Those attending please bring a covered dish--salad, dessert, chips, etc. to go with the hamburgers. Cost is $1.00 per person, children under 12 free. Please call Lisa, KA9VLV, at 423-1082 with your reservations. If she doesn't answer, please leave your message on the answering machine. Also you can call Matt Dean, KB9BPJ, at 476-5554 evenings. They need to know how many are coming so they know how much food to order. Have your reservations in by Tuesday, September 8. You may pay your $1.00 the day of the picnic. There will be NO MEETING on Thursday, Sept. 10 at Red Cross. A short meeting will be held at the picnic.

Welcome to all the new amateurs in the area. There are a lot of N9O--, N9P--, N9Q-- and by now probably some N9R--. If you hear them on the air, give them a call and chat a few minutes. Remember how it was when you first got your license and 'no-one' to talk to. To you new HAMS when giving your call on the air, give it slowly and distinctly. You may have to use phonetics, especially if your letters sound alike. INVITE THE new members to attend the TARS meetings usually the 2nd Thursday in the month at the Red Cross at 7:30pm. However, as stated in the above article the Sept. meeting is an exception. It will be a picnic instead on Sat. Sept 12 at Mesker Park Shelter 15.

THANKS to Ken Martin, W9MR who sends me 'fillers'.

From FCC NEWS--The Commission has notified Mr. James L. Brantley of Los Angeles, Ca., of his apparent liability for a forfeiture in the amount of $8,000. Mr. Brantley apparently transmitted repetitive one-way transmissions from station K6KPS on the freq. 14.303 Mhz He caused interference to the communications of other amateur stations.

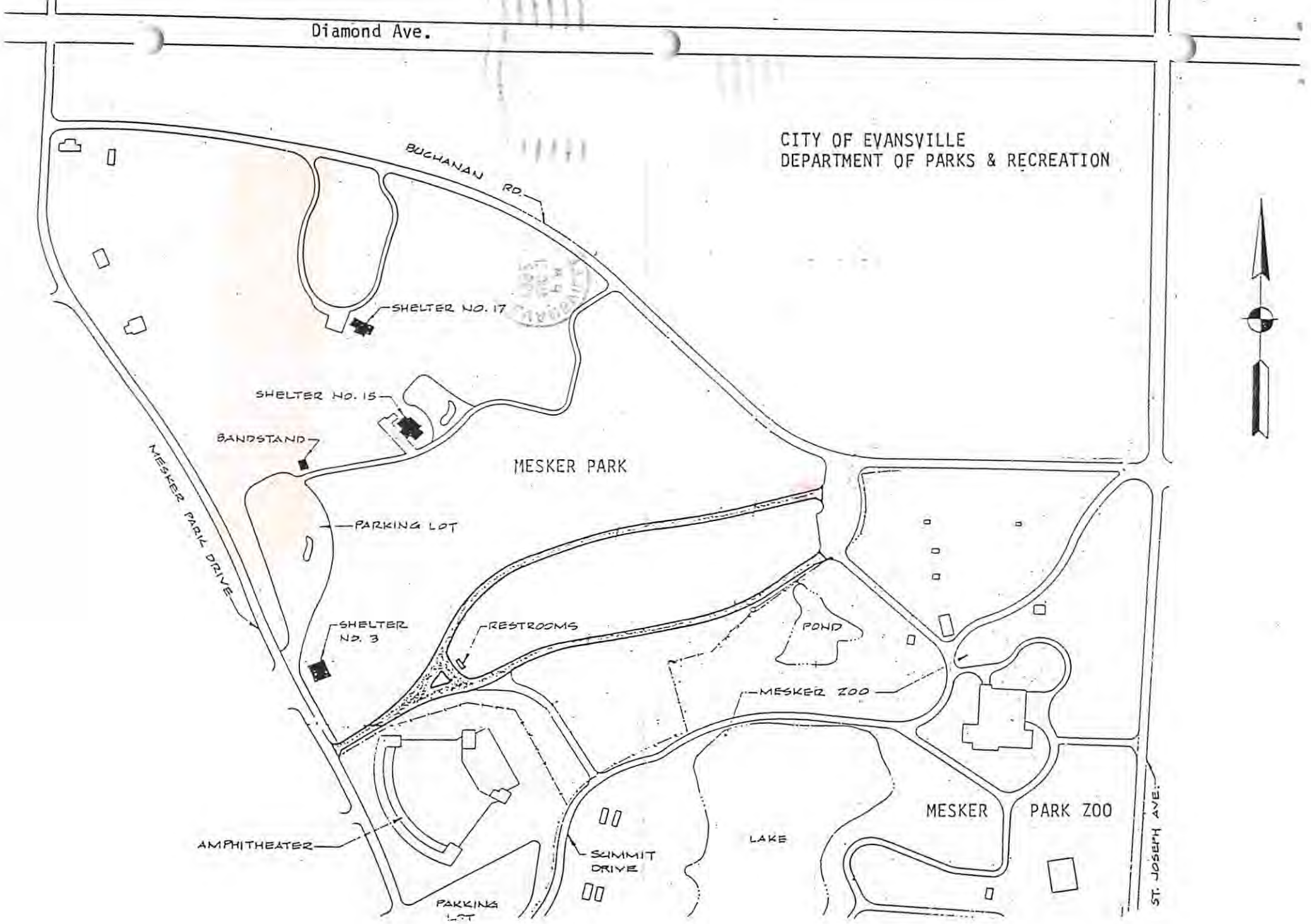
SET TO GO

The purpose of SET: No. 1--To find out the strengths and weaknesses of the Amateur Radio Emergency Service (ARES), National Traffic System (NTS), Radio Amateur Civil Emergency Service (RACES) and other groups in providing emergency communications.. No. 2--To provide a public demonstration to served agencies such as the Red Cross, Civil Preparedness, Salvation Army--and through the news media--of the value to the public that Amateur Radio provides, particularly in time of need No. 3--To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated emergency conditions.

That date again is October 17-18, 1992.

WALKTOBERFEST---As mentioned in KE9PV's article we have been asked to help. Doug Killian, Reg. Director of American Diabetes Assoc. has asked our help with an 8 mile walk on Sunday October 4. 500 to 1000 walkers are expected to participate. He needs a communications link between the base, Harrison High and the walkers. There will also be 3 operators in the SAG wagon. If you are interested, please call Charlie, N9GWS, at 477-7716.

DON"T FORGET NO MEETING SEPt. 10--There will be a Board of Directors meeting at 7:00pm at Red Cross on Sept. 3.


Diamond Ave.
CITY OF EVANSVILLE
DEPARTMENT OF PARKS & RECREATION
BUCHANAN RD.
SHELTER NO. 17
SHELTER NO. 15
BANDSTAND
MESKER PARK
PARKING LOT
MESKER PARK DRIVE
SHELTER NO. 3
RESTROOMS
POND
MESKER ZOO
AMPHITHEATER
SUMMIT DRIVE
LAKE
PARKING LOT
MESKER PARK ZOO
ST. JOSEPH AVE.

THE WATCH SHOP WILBER WEISLING W9OVB MFG JEWELERS & WATCH REPAIR 113 S.E. 4th St. PH.---------464-8477	DANMART ENTERPRISES DANIEL J. MARTIN 6500 HENZE RD. EVANSVILLE, IN 47712 (812) 963-0975 11	VINTASIA CARRIAGE WORKS IMPORT CAR SERVICE 401 W. FRANKLIN ST. JIM BARROW — W9CVN PH. —— 425-1741 7	TAWIL ELECTRONICS INC. SEMICONDUCTERS MICROPROCESSORS SYSTEMS & SUPPLIES 2121 N. BEDFORD AVE. PH. —— 425-1100 12
the HAM STATION 220 N. FULTON AVE. Mon. thru Fri. 8:00am to 5:00pm Sat. 9:00 to 3:00 PH. 812-422-0231 10	PUT YOUR AD HERE PH. —— 473-5382		HELP THE RED CROSS GIVE BLOOD PLEASE DIAMOND&HEIDELBACH PH. —— 422-3215 0

Thanks to the Watch Shop for the renewal of their ad. T.A.R.S. members please patronize our advertizers whenever possible.

VE TEST SESSIONS:

Vincennes Sept. 19--Ebner Bldg. VU Campus--Contact Phil, KQ9O--886-9765
E'ville--USI--October 19, 6:30pm--Contact Neil Rapp, WB9VPG--Ph.424-1506
E'ville--TARS--Red Cross--Nov. 14, 9:00am--Ph. KA9EIV at 424-9182 or WQ9U at 985-0109
SARA Hamfest--Sept 13--Register by 8:30am. Testing begins at 9:00am.

HAMFESTS--Sept. 13--SARA--Southeastern Illinois College--Rte 13 east of Harrisburg, Il.
October 3--Tri County--Miami Co. Fairgrounds--North of Peru.
October 11--Hoosier Hills--Bedford--Fairgrounds.

ARTICLES FOR OCTOBER SPARKS MUST BE IN MY HANDS NO LATER THAN SEPTEMBER 25 so that the newsletter can be mailed by October 2. Thank you.

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA
SPARKS
P.O. Box 4521 EVANSVILLE, IN 47724

EVANSVILLE, IN 47
PM
AUG 31
1992

William Cook K5LPS
& Collier N9IWD
6400 Pfafflin Lake Blvd.
Newburgh, IN 47630

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA

SPARKS

SPECIAL SERVICE CLUB

Vol. XLVII OCTOBER , 1992

The Tri-State Amateur Radio Society Newsletter

P. O. 4521 EVANSVILLE, INDIANA 47724

CQ CQ CQ de KE9PV

Well, its October and the leaves are still on the trees, but don't let that fool you. I've got a feeling that Winter is going to come fast and hard this year. So, if you've been putting off your tower work and outdoor antenna repair, better get to it while the gettin's good.

I'm going to be doing some antenna work this fall, but mine's going to be indoors. My brother in Michigan just passed his Technician license exam and five word per minute code test and has an eighty meter CW rig ready to put on the air when he receives his call sign. The trouble is that I don't have an antenna for eighty meters.

So, I'll be getting back to basics and installing a dipole in my attic. I've got a feeling I'm going to need an antenna tuner too. I'm a little rusty on my code, so I'll be a good match for my brother who just learned it. Who knows? Once I get going again, maybe I'll have enough momentum to break the twenty word per minute barrier and get my extra class. A more likely scenario though is that my brother will get to thirteen words per minute first, then we'll switch over to voice and my code key will get rusty again.

For those of you considering upgrading your licenses, don't forget the ARRL regularly broadcasts code practice transmissions to help you hone your CW skills. The code practice schedules are published in QST magazine, the official journal of the ARRL.

73, KE9PV - Bob

TARS 1993 ELECTION

THANKS to the following members of the nominating committee who have chosen the slate for the 1993 TARS election to be held at the November meeting: Chas. Apfelstadt, N9GWS, Chairman; Ralph Waldo, K9STX; Steve Harmon, N9HGF; Shawn Hadfield, KB9CNE and Charlie Hadfield, KB9CNF.

TARS NOMINEES FOR 1993

President--Chas. Apfelstadt, N9GWS
V. Pres.--Paul Rice, WA9BYZ
Treasurer--Matthew Dean, KB9BPJ
Secretary--Richard Schaefer, Sr,, N9NCG

Board of Directors--Elect 3 for 2 year term
Elect 1 for 1 year to fill unexpired term of WA9BYZ.

Steve Harmon, N9HGF
Bill Cook, K5LPS
Chris Flake, WY9O
Willie Wilson, WD9FHA

Editors note: The nominating committee has done an excellent job of naming a slate of officers. Thanks to the nominees for accepting. Now it is up to the members to vote and to support those who are elected.

HELPING HANDS

That is how the Evansville Courier described the work done by George Utley, N9FMO, for the job he undertook in Louisiana after Hurricane Andrew had gone through.

George answered the call of the Red Cross. With another Red Cross volunteer, Walt Case, of Michigan City, In., George and Walt drove the Red Cross emergency response vehicle (ERV) to Theriot, La. and spent three weeks serving as many as 600 a day a hot meal.

THANKS George, we are all proud of you. I'm sure Barney is proud of you also for seeing that the stray dog got a meal too.

STRETCHING THE MIND

The headline in the Evansville Courier showing Jack Mathias, W9FMW, in his Radio Shack. Most of you remember Jack speaking at a TARS club meeting a few months ago. Jack uses his computer to track satellites that link ham radio operators. The computer shifts the antenna to keep it in line with the satellites as they pass over.

The pictures of George, N9FMO, and Jack, W9FMW, taken from issues of the Evansville Courier can be seen in this issue of SPARKS.

PICNIC

The September T.A.R.S. meeting was the annual picnic held on Sat. Sept.12 at Mesker Park. There were about 12 to 14 persons present. THANKS to Bob, KA9TML, and XYL, Mary Ann who were the cooks and grilled the hamburgers and hot dogs. THANKS to Delores, KA9KRD, who cleaned off the tables and arranged the food and utensils. THANKS to Kay, XYL of W9ZZY who helped Delores in cleaning up afterwards.

OCTOBER MEETING

The October T.A.R.S. meeting will be held at 7:30pm October 8, 1992 at the Red Cross corner of Diamond Ave & Heidelbach.

Program after the business meeting will be a VIDEO provided by Paul Rice, WA9BYZ, entitled 'More than just a Radio'. It should be very interesting. Please try to attend and bring along a friend. Also wear your name tag, it helps the newcomers & visitors to identify you and put a face to the call.

The August 18, 1992 listing from FCC shows the following new amateurs:

N9QNG	Timothy R. Rhoades	Newburgh, In.
N9QVQ	Leonard J. Schmitt	Evansville, In
N9QVB	Harold G. Crooks	Evansville, In.
N9QKV	John Thacker	Evansville, In.
N9QJV	Don Hunter	Evansville, In.
N9QVD	Lisa L. Patterson	Evansville, In.

HELPING HANDS IN LOUISIANA

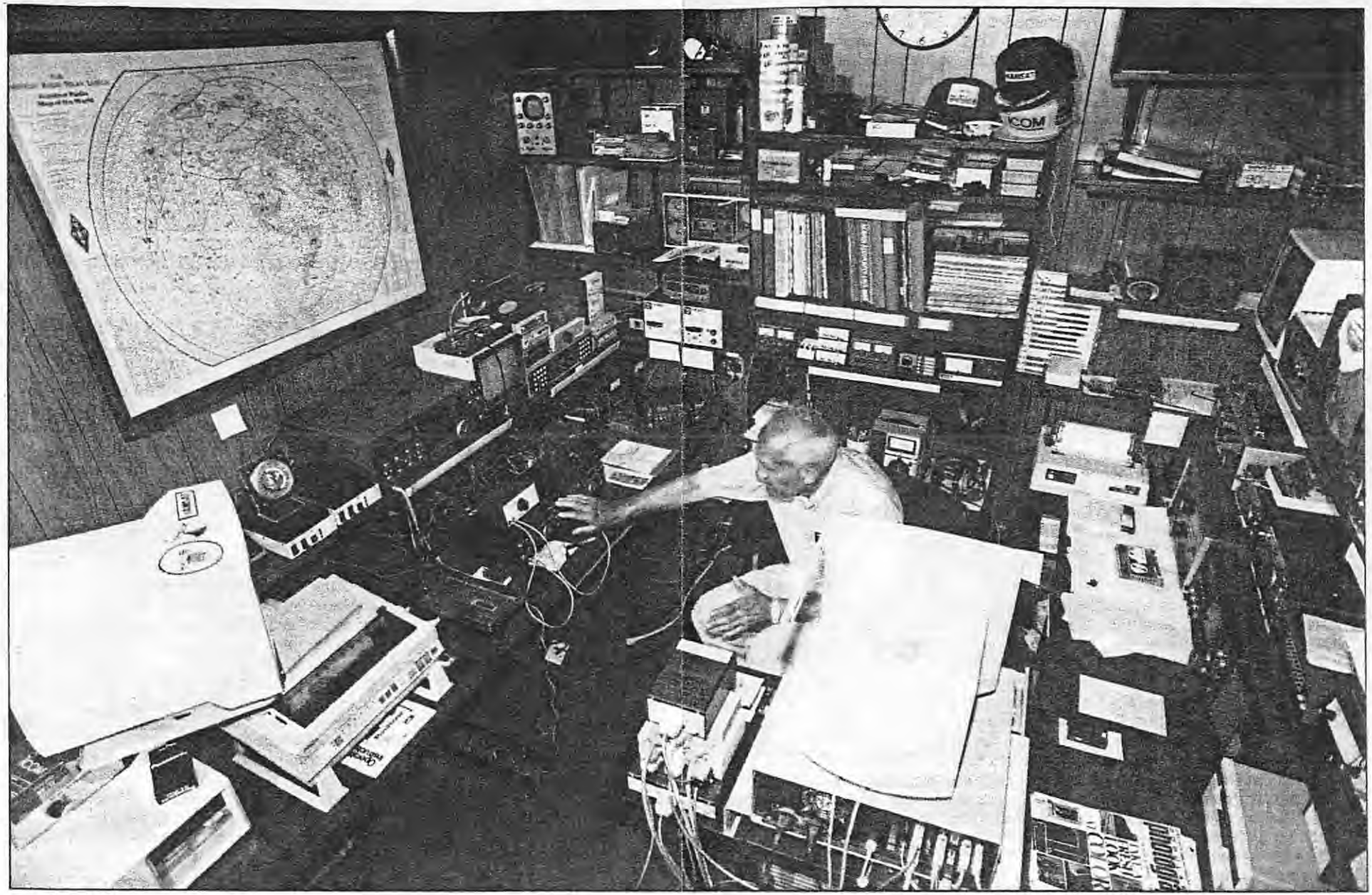
Courier photos by BOB GWALTNEY

N9FMO

George Utley was also concerned with the welfare of one of the dogs lost after Hurricane Andrew tore through Theriot, La.

A SPECIAL SECTION OF THE EVANSVILLE COURIER

STRETCHING THE MIND



W9FMW

Courier photo by **DON GOODAKER**

Jack Mathias has married a variety of electronic gear, including two personal computers, to his ham radio hobby.

W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE

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Bob Heil, KE9PV
Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
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TREASURER'S REPORT (Sept. 29, 1992)

Beginning Balance (Aug. 13, 1992)	$4618.21
Expenses:	
Mary Vanada Memorial	$25.00
User Fee for Exempt Organization (Internal Revenue Service)	$150.00
Phone Bill-Repeater (Aug.)	$22.31
SPARKS (Sept)	$54.44
Corporation Filing Fee	$10.00
Picnic Food & Drinks	$52.83
Income:	
Interest (Checking Acct.)	$9.02
SPARKS Ad (Watch Shop)	$12.00
Picnic Reservations	$16.00
Downtown Civitan Donation	$50.00
Ending Balance:	$4390.65

CONDOLENCES: T.A.R.S. members extend their sympathy to Chris Flake, WY9O, on the death of his Father. Wade C. Flake Sr., 70, of 2205 E. Virginia St. passed away at 2:55am on September 1992. He was founder and owner of Hank's Neon and Plas-tic Service. A veteran of World WAr II, he was a member of St. Benedict Catholic Church.

Surviving are his wife of 44 years, a daughter Frances H. Turpin of Evansville, three sons, Wade C. Jr., Chris A. and Sidney P. and seven Grandchildren.

Our prayers & thoughts are with you Chris, Darlene & girls.

ARRL BULLETIN: Herbert Engleman, KD4OZY, Lake Worth, Fla. was struck by lightning August 30, 1992 at Homestead, Fla. while helping to unload relief supplies from an army helicopter. He died 3 days later. Witnesses told the Palm Beach Post that Engleman was using a Hand Held radio to relay information to a mobile ham radio operator when he ran out to meet the helicopter during a thunderstorm.

HEALTH & WELFARE

Best Wishes to Charlie, N9GWS, who at this time is in room 4609 at Deaconess Hospital recovering from further surgery on his left foot. He is in good spirits and says he has no pain.

Best Wishes also to Dave, N9JWV who recently spent some time in Deaconess. We wish you a quick recovery.

THE WATCH SHOP WILBER WEISLING W9OVB MFG JEWELERS & WATCH REPAIR 113 S.E. 4th St. PH.---------464-8477	DANMART ENTERPRISES DANIEL J. MARTIN 6500 HENZE RD. EVANSVILLE, IN 47712 (812) 963-0975 11	VINTASIA CARRIAGE WORKS IMPORT CAR SERVICE 401 W. FRANKLIN ST. JIM BARROW — W9CVN PH. —— 425-1741 7	TAWIL ELECTRONICS INC. SEMICONDUCTERS MICROPROCESSORS SYSTEMS & SUPPLIES 2121 N. BEDFORD AVE. PH. —— 425-1100 12
the HAM STATION 220 N. FULTON AVE. Mon. thru Fri. 8:00am to 5:00pm Sat. 9:00 to 3:00 PH. 812-422-0231 10	PUT YOUR AD HERE PH. —— 473-5382		HELP THE RED CROSS GIVE BLOOD PLEASE DIAMOND&HEIDELBACH PH. —— 422-3215 0

Volunteer test session--Evansville, In at USI on Monday evening 6:30pm October 19. Contact Neil Rapp, WB9VPG. at Ph. 424-1506/

Volunteer test session--Evansville, In. T.A.R.S. at Red Cross 9:00am Sat. November 14. Contact Cecil West, WQ9U at 985-0109.

HAMFEST--October 11--Hoosier Hills--Lawrence Co. 4-H Fairgrounds--US Hwy 50--4 miles S.W. of Bedford, In. Talk-in 146.73--Registration fee $6.00. ARRL/VEC exams 12:00 noon.

HAMFEST--October 18--Centralia, Il.--Kaskaskia College, Shattuc Rd. 8.00am--Admission $2.00--Talk-in 147.27/87 & 443.2/8.2

TARS MEETING OCTOBER 8, 1992 7:30pm Red Cross, Diamond Ave & Heidelbach.

TARS W9OG
TRI-STATE AMATEUR RADIO SOCIETY
EVANSVILLE INDIANA
SPARKS
P.O. Box 4521 EVANSVILLE, IN 47724

EVANSVILLE PM OCT 3 1992 IND.

Hal Wilson WB9FNN (S)
& Carol KB9HDZ
11555 Lameys Lane
Evansville, IN 47711

W9OG
TRI-STATE
AMATEUR RADIO SOCIETY
EVANSVILLE
INDIANA

SPECIAL SERVICE CLUB

NOV 92

EDITORS NOTES

As I sit down to a new word processor as the new editor of an old organization with many fine editors behind me, I feel the weight of the responsibility they all must have felt as they have tried to get the word out about this fine organization.

It was almost not possible for this issue to be produced on the word processor and we had to exchange the original one just three days ago for another working version, but here it is, such as it is for all to see and judge.

I'm not given to change nor has it become easy for me to accept new appliances like this work saving word processor. I still toast my bread in the morning in the oven on broil and as many of you know, still cling to the warm glow of tubes on a cold winter evening in the shack. But as my dear wife has helped me over the rough spots, I will master this thing and like it or else.

What I'd like this Newsletter to be is no more than it has already been for many years, an open forum for club news and information and a free exchange of ideas about the amateur radio hobby. It will depend upon your input.

You will notice the format change and most likely see a few more in the next several issues.

Don't quite know where it all will take us but, it should be fun and remember, this is just a hobby, or is it?

73 Steve N9HGF

SILENT KEY

Charles (Charlie) E. Hadfield, KB9CNF died Saturday morning October 17, 1992 of a heart attack.

Charlie was a very active member of TARS serving two years as a member of the Board of Directors and contributed much to the kitchen success of the TARS Hamfests for the past few years.

A member of Fairlawn United Methodist Church, and manager of the Walnut Center Warehouse, Charlie is survived by his wife Connie, two daughters, Susan and Sarah, three sons, Scott, Stewart, and Shawn, KB9CNE.

VE TESTING

The Tri State Amateur Radio Society will hold VE Testing on Saturday, November 14, 1992 at the American Red Cross on the corner of Heidelbach Avenue, and Diamond starting at 9am.

All elements of code and written will be given.

Be there by 8:45 am CST to complete the necessary paper work and bring a cash or a check for $5.40 made out to the ARRL VE Testing Program and don't forget to bring your original license and a copy plus two forms of ID and pencils or pens, and a calculator.

You must contact either Blanche Elpers, KA9EIV at 424-9182, or Cecil West, WQ9U at 985-0109 to reserve a space.

RACES NEWS

There will be a RACES exercise on Saturday, December 12, 1992, between 8 and 11am. As best I know at this time, it will be a "hazardous materials" drill, but communications will be included.

Keep your radio on and an ear cocked for the "alert" when it comes. I think the site will be the northern part of the county but that's not final and may not be specifically announced beforehand.

The latest RACES bulletin I received from Indianapolis has a suggestion regarding an alerting system, and the latest issue of QST (or is it October) has a similar article on the use of DTMF (touch-tone) activated squelch. I have not had time to digest this but will include it next month. Sounds like a fine way to be able to hear emergency calls over the repeater without the need to listen to all the routine traffic.

73 Hal WB9FNN

Marconi Center Seeks Donars

Opened in 1990 as a nonprofit conference center and a California State Historic Park, the Marconi Conference Center Museum is seeking contributions of wireless equipment to place on permenent loan. Contact Wayne Zion, the Marconi Conference Center, P.O. Box 789, Marshall, CA 94941 for more information.

Don't Be Misled by Power Ratings

All amateur transmitters are rated for power that is measured in watts. There is no reason to purchase a high power transmitter if you're just beginning. Many hams, even with years of experience operate with 100 watts or less. FCC regulations state that operating will take place with the minimum amount of power, so it's actually illegal to use the maximum limit when the same communication can be accomplished with less. Use a wattmeter to measure your power.

TREASURER'S REPORT

November, 1992

Beginning Balance (September 29, 1992)	$4390.65
Expenses:	
Phone Bill-Repeater (September)	22.31
SPARKS	43.70
Meeting Refreshments	30.75
KB9CNF Memorial	40.00
Check Order	13.20
Income:	
Interest (Checking) September	9.74
Picnic Reservation	2.00
Club Dues	40.00
Interest (Checking) October	9.15
Ending Balance:	4301.58

CHRISTMAS PARTY

For reservations for the December Christmas Party, contact Lisa Clements, KA9VLV, 520 East Illinois Street, Evansville, Indiana 47711, or phone 423-1082.

Also listen on the Wednesday net for more information!

Club Meeting
October 12, 1992

Meeting called to order by Chris, KE9YK, at the Red Cross, 7:30pm.

Secretary's report from September Club picnic read.

Treasurer's report read and approved.

Floor opened for nominations for 1993 club Officers and Directors. Charlie, N9GWS presented the nominations from the committee.

No further nominations were presented and nominations were closed.

Report on the October Board Meeting.

Report from Ron, N9LDK on the October 17 "SET"and some things to look forward to in the spring.

Following a refreshment break, George, N9FMO shared some of his experiences from his recent trip to Louisiana with the Red Cross to help with disaster relief from hurricane Andrew.

After George's presentation we viewed a video from ICOM called "More Than Radio", and the meeting adjourned.

KE9YK

SAFETY FIRST

Safety cannot be over emphasized. Amateur radio equipment is at least as safe as an automobile, but like a car, it can cause injury or even death. There is high voltage in ham gear and it can be extremely dangerous if proper procedures do not become a habit.

The first rule of safety to follow is that every individual piece of electrical equipment in your station, including the key, must be connected to a good earth ground.

Rule two is that all equipment should be wired through a central switch so that when the switch is off, power to the entire station is off.

BOARD MEETING
October 10, 1992

The October board meeting was called to order at 7:15pm by Bob KE9PV with the following in attendance: Chris, KE9YK; Matt, KB9BPJ; Delores, KA9KRD; Paul, WA9BYZ; Karl, N9DEQ; and Jim KA9KRE.

Treasurer's report read and approved.

Discussion of 146.79 repeater status.

Discussion of nominating committee status.

Discussion on continuing club picnic. (Only eighteen people attending and cost was $100)

Discussion of the condolence policy.

Motion made and approved to increase the expenditure for flowers to $40.

Discussion on proposed 1993 HamFest budget.

1993 HamFest budget accepted as:

Rent for 4H Center	$550
Grand Prizes	850
Hourley Prizes	200
Flyers and Tickets	300
Postage	600
Bingo Prizes	100
Food	300
Soft Drinks	100
Misc.	200
TOTAL:	$3200

Also need $300 front money for change, not considered an expense.

Meeting adjourned.

KE9YK

ARRL NEW MEMBER LIST

KB9EKR Jason Harris Grandview, IN
K9PDK George Rhoades, Newburgh, IN
N9RAH Mike Palmer, Mt Vernon, IN
N9RAF Davie Dube, Newburgh, IN
KB9IDK Jonathan Polk, Evansville
N9RAE Mike Brenner, Evansville
N9RAI Vickie Wollard, Evansville
N9RAG Charles Fioccoprile, Evv.

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W9OG
EVANSVILLE

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Vice President:
Lisa Clements, KA9VLV
Secretary:
Chris Lantaff, KE9YK
Treasurer:
Matthew Dean, KB9BPJ
Board of Directors:
Charlie Hadfield, KB9CNF
Jeremy Matthews, N9IZD
Mark Simpson, N9GKW
Delores Shoptaugh, KA9KRD
Paul Rice, WA9BYZ
Karl Codner, N9DEQ

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For Club business write:
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Evansville, IN 47724

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William Cook K5LPS
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SPECIAL SERVICE CLUB ARRL

DEC 92

EDITORS NOTES

Well, the second issue is not as easy as the first or so it seems. There doesn't seem to be as much club news to report or is it just that no one has contacted this Editor with whatever is going on, I can't say, but we will proceed with production regardless.

I've been trying to monitor the repeater more frequently and even have on occasion put my call on the air, but it's been rather quiet which is normal here in the midwest, or so it seems at least for Evansville. There are quite a few scanner listeners and most police with scanners in their cars can listen, so it will be to our advantage to treat the airwaves with the respect they are due. Rembering that there are many listeners, not just in the Amateur community is a good thing to keep in mind.

A change this month you will notice is the absence of the TARS treasurers report. Just another change that will be along with other changes you might see in future issues of the SPARKS. If you are in need of financial information about the organization, please contact the treasurer, one of the board members, or the new president, N9GWS, or if all else fails, come to a meeting, the report is read aloud.

N9HGF

WA4D Fined for Interference

The FCC has issued a Notice of Apparent Liability to Michael E. Whatley, WA4D, for deliberate interference to other amateur stations. On November 5, 1992, the Commission issued the NAL for monetary forfeiture of $2000 to Whatley, 42, of Alexandria, Virginia, for apparent violations of FCC rules on the 40 meter band.

On November 17, 1991, the FCC's monitoring station in Allegan, Michigan, monitored and traced transmissions to Whatley's amateur station. "Mr. Whatley deliberately used these signals to interfere with the communications of other amateur operators on 7257 KHz and 7258 KHz. These transmissions continued throughout the period 9:03am to 9:52am. Mr Whately willfully operated on frequencies which he knew were being used and harassed other operators with rude and insulting communications," the NAL said.

Whatley identified himself with his call sign, WA4D (Willie Able Four Dog), during his communications. When other operators tried to switch frequencies, he followed them onto the new frequency and continued to verbally harass them.

ARRL LETTER

DX'ing

Is there any DX going on out there in SPARKS land? If you are active in DX contacts let SPARKS know and we'll publish those you consider hard or rare or just those that are good experiences!

RACES

The .75/.15 repeater is back on the air but the absence of this vital machine was amplified when the National Weather Service recently issued a tornado watch and the importance of getting the word out to masses of area amateurs who want to help when needed, but don't want to listen to the daily traffic.

The solution to this could be "LiTZ" or "Long Tone Zero", a way of activating a tone coded squelch device on your base receiver by the simple expedient of hitting "Zero" on your touchtone pad for a minimum of three seconds. This time frame precludes normal use of an autopatch call or a voice that mimics a touch-tone frequency from opening the squelch by mistake.

LiTZ is being proposed by the ARRL as a national emergency calling solution with the idea that everyone would have the tone coded squelch on their base station and anyone in an emergency could dial the long Zero tone to call for emergency assistance. This concept could be carried a step further, with you having the option of hearing LiTZ calls for assistance from individuals, or hearing a long tone from a different digit that would be used to signify a major RACES alert such as a tornado warning, chemical spill, etc., where we would need a lot of hams activated in a hurry.

Come prepared to discuss this idea at the January TARS meeting. If you want to get a head start, see the November QST article on pages 108-110, with a suggested construction project plus indications on where to buy a completed unit. A look through QST, 73, etc., will turn up several sources for tone coded squelch units.

Hal, WB9FNN

FIELD DAY SCORE

1-A Battery
Club/Non Club Portable
74 QSO's
Less than 5 watts
22 operators
1115 points

Thanks to W9FHA and all who participated!

SPECIAL EVENTS

The Spencer County ARC will operate December 19, from the town of Santa Clause. Frequencies are 7.125, 7.240, 14.250, 28.400. For a certificate, send QSL and SASE to Spencer County ARC, RR#1, Box 154, Dale, Indiana 47523

AMATEUR SENTENCED FOR INTERFERENCE TO POLICE

A technician class amateur has been sentenced to three years supervised probation and 250 hours of community service for transmitting on a tactical operations radio channel of the SanDiego police department.

22 year old Roy L. Eyman, KC6TYR, also was ordered to deprogram his amateur equipment of all public safety frequencies.

The FCC's San Diego office said that on September 16, 1991, Eyman was transmitting music on a SanDiego tactical operations channel. At the time, a police sergeant who also is an Amateur, heard the interference and used a hand held transceiver to direction find the source.

The officer heard the music over his Amateur Radio, as well as hearing it originating from Mr. Eyman's vehicle. The sergeant then seized Mr. Eyman's radio equipment.

The maximum penalty for unlicensed operation in a first conviction is a fine of up to $100,000 or imprisonment of up to one year or both.

ARRL Letter 11/24/92

A HAM's CHRISTMAS

'Twas the night before Christmas, and in the ham shack, was the warm glow of tubes in the transmitter rack. The log book was brought up to date with great care in case the FCC might someday be there.

The XYL and Harmonics were snug in their beds, no tapping of keys to bother their heads. I plugged in the mike and the new VFO and settled myself down for a nice QSO.

When, from the relays, there arose such a clatter, I yanked the big switch to see what was the matter! Then up on the roof, by the two meter beam, there came a QRM like a heterodyne scream.

"On Gonset! On Babcock, on Viking and Elmac! On Ranger, on Collins! On Heathkit and Eimac! Bias to the grid and volts to the plate; Just watch that S-Meter while all modulate!"

As I turned to the rig and reached for the dial, from the antenna tower Santa slid with a smile. An RF choke he held tight in his teeth, and coax encircled his head like a wreath.

A bundle of hamgear he had flung on his back; Did I see my name on a new power pack? He had a stub nose, like an egg insulator, and his cheeks glowed red like a hot oscillator.

He spoke not a word, but went straight to his work, laying out all the gear; then turned with a jerk. And laying a key alongside of his nose, said "Please QSL!" and up the feeders he rose.

He climbed up the tower, to his team gave a whistle, and away they all flew like a jet-propelled missile. But I heard his last signal as he flew through the night, "Seventy-three's to all and to all good night."

W9SVL, WA9CJR (1965)

SIMPLE DUMMY LOAD

Make a simple dummy load and don't tune your rig up on the air is good advice so here is an idea,

You can buy a dummy load, but a very simple effective dummy load for a small rig is a 250 watt light bulb. To make it, carefully connect the center lead of a piece of coaxial cable to one terminal of a standard porcelain light bulb socket mounted on a board. Fasten another lead by peeling back three quarters of an inch or so of the copper braid on the cable, twisting and connecting it to the other terminal. Attach a connector to the other end of the cable. The light bulb functions as a big resistor and that is all a dummyload really is.

CLASSIFIED

FOR SALE: MFJ 1278 Multimode controller, Packet, Amtor, Ritty, CW etc.
Yaesu FT727R 2mtr/440 Handheld
MFJ 931 Artificial Ground
Yaesu NC15 Desk Charger
Yaesu FT209RH 220mhz Handheld
Mark, N9GKW 479-1584

FOR SALE: Drake UV3 2meter transceiver with mic and service manual.
Tokyo Hypower HC150 Antenna Tunner
Regency Turbo Scan Scanner
Uniden 100XL Hand Held Scanner
Herman, N9FXL 425-3758

FOR SALE: Swan ST3 Antenna Tunner Dual meters, Balum etc.
Steve, N9HGF 474-0842

WANTED: Heath Desk Mic Stand; Drake R4 Receiver, W4 Meter; Short Wave Receiver.
Steve, N9HGF 474-0842

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